

Fairfield University

THE COLLEGE OF ARTS AND SCIENCES



1959 - 1960

Fairfield, Connecticut

THE CREDO OF Fairfield University

The struggle to capture the mind of youth is today world-wide; 'isms' of every sort seek to ensnare youth by specious argumentation and false promises of social justice. America is no exception; our youth are continuously exposed to pernicious poisons which have the potency to destroy our hard-won liberties. It is the universities which should supply the antidote of truth, and many of them are unwilling or unable to fulfill their responsibility.

Fairfield University refuses to subscribe to the doctrine that 'academic freedom' may be used as a pretext to teach systems which destroy all freedom. It proudly boasts that as a Catholic institution it has taught and will always teach the principles on which rest all law, order, and right government. This is its creed:

We believe in God.

We believe in the personal dignity of man.

We believe that man has natural rights which come from God and not from the State.

We are therefore opposed to all forms of dictatorship which are based on the philosophy that the "total man" belongs to the State.

We believe in the sanctity of the home—the basic unit of civilization.

We believe in the natural right of private property, but likewise that private property has its social obligations.

We believe that Labor has not only rights but obligations.

We believe that Capital has not only rights but obligations.

We are vigorously opposed to all forms of "racism"—persecution or intolerance because of race.

We believe that liberty is a sacred right, and that law, which regulates liberty, is a sacred obligation.

We believe in inculcating all the essential liberties of American Democracy, and we take open and frank issue with all spurious brands of "democracy."

We believe, briefly, in the teachings of Christ, who held that mortality must regulate the personal, family, economic, political, and international life of men if civilization is to endure.

AD MAIOREM DEI GLORIAM

Fairfield University

THE COLLEGE OF ARTS AND SCIENCES



CATALOGUE ISSUE

1959 - 1960

FAIRFIELD, CONNECTICUT

Volume XIII

Number 1



An Act Incorporating Fairfield University of Saint Robert Bellarmine, Incorporated.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

James H. Dolan, Leo A. Reilly, John W. Doherty, Walter Kennedy, John A. King and their successors, and such other persons as may be associated with them in accordance with the by-laws of the corporation, are constituted a body politic and corporate by the name of

Fairfield University of Saint Robert Bellarmine Incorporated.

to be located in the town of Fairfield, county of Fairfield and state of Connecticut.

The purpose of said corporation shall be to establish, organize, maintain and conduct an institution for intermediate, secondary, undergraduate and graduate education in the state of Connecticut, and to perform such other works of education, charity and religion, as may be determined by its by-laws and pursuant to the general statutes relating to the organization of corporations without capital stock.

Said corporation shall have the right to receive by purchase, gift, grant, subscription, devise, bequest or otherwise, and to hold, improve, mortgage, lease, sell or otherwise convey and use any estate real or personal, appropriate, necessary or useful that the purposes of the corporation may require, and all other property which shall have been in good faith mortgaged or conveyed to it by way of security or in satisfaction of debts; it shall have the right to issue promissory notes, or other evidences of indebtedness to the same extent as corporations which have capital stock and have been organized under the general laws of the state; it may contract, sue and be sued, complain and defend in any court.

Said corporation shall have the right to make and use a common seal and alter the same, to make, adopt and amend by-laws which shall provide for the government and direction of the corporation, to fix the number of corporation members, to regulate the election of trustees and to confer all such academic degrees as are usually given in colleges and universities.

Should there be an excess of income over expenditures in any one year, or, should there be any assets remaining after the payment of all existing debt, then such excess income or assets thereafter remaining shall be applied as follows: In the reduction of the tuitional fees, or in the establishment of scholarships, or in the advancing of educational or charitable facilities; and, in the event of the dissolution of the corporation, any remaining assets or surplus shall be conveyed, transferred and delivered to the Society of Jesus of New England, a religious and educational corporation under the laws of the state of Massachusetts; if said Society of Jesus of New England shall not then be in existence, then said assets upon dissolution of the corporation, shall be conveyed, transferred and delivered to the bishop of the Roman Catholic diocese of Hartford, Connecticut, for the uses and purposes of said diocese, or its successors and assigns thereafter, and, if said Roman Catholic diocese shall not then be in existence, then said assets shall be conveyed, transferred and delivered to the state of Connecticut.

Certified as correct by

Wilbert J. Smith
President of the Senate
John A. King
Speaker of the House

Approved May 29, 1945

Raymond E. Balaban
Governor



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CALENDAR FOR 1959

JANUARY							FEBRUARY							MARCH							APRIL							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	12	13	14	15	16	17	18	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24	25	
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13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	
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CALENDAR FOR 1960

JANUARY							FEBRUARY							MARCH							APRIL						
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17	18	19	20	21	22	23	21	22	23	24	25	26	27	20	21	22	23	24	25	26	17	18	19	20	21	22	23
24	25	26	27	28	29	30	28	29						27	28	29	30	31			24	25	26	27	28	29	30
31																											
MAY							JUNE							JULY							AUGUST						
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30	28	29	30	31			
														31													
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3							1		1	2	3	4	5						1	2	3	
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31
							30	31																			

ACADEMIC CALENDAR

1959 - 1960

1959

Sept. 14	Monday	Freshman Registration
Sept. 15	Tuesday	Sophomore Registration; Freshman Orientation
Sept. 16	Wednesday	Junior Registration; Classes for Sophomores; Freshman Orientation
Sept. 17	Thursday	Senior Registration; Classes for Juniors, Sophomores, Freshmen
Sept. 18	Friday	Classes for ALL; Mass of the Holy Spirit in 3rd period
Nov. 5	Thursday	Final Examination in Logic for Juniors
Nov. 6	Friday	Minor Logic Specimen for Juniors
Nov. 9	Monday	Mid-term grades due in Office
Nov. 25	Wednesday	Thanksgiving Recess begins at noon
Nov. 30	Monday	Classes resume
Dec. 8	Tuesday	Feast of the Immaculate Conception—Holy Day and Holiday
Dec. 18	Friday	Christmas Recess begins after last class

1960

Jan. 4	Monday	Classes resume
Jan. 18	Monday	First Semester Examinations begin
Jan. 28- Feb. 1	Thurs.-Mon.	Semester Holiday
Feb. 2	Tuesday	Second Semester begins
Feb. 22	Monday	Washington's Birthday—Holiday
Mar. 18	Friday	Final Examination in Ontology (Juniors)
Mar. 21	Monday	Mid-term grades due in Office
Apr. 13	Wednesday	Easter Recess begins after last class
Apr. 25	Monday	Classes Resume
May 19	Thursday	Final Examinations begin for Juniors and Seniors
May 23	Monday	Final Examinations for all classes
May 26	Thursday	Feast of the Ascension—Holy Day and Holiday
May 30	Monday	Memorial Day—Holiday
June 12	Sunday	Baccalaureate
June 14	Tuesday	Commencement

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1959 - 1960

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Coordinators of the Four Divisions

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Fr. Hutchinson

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Fr. McGrath

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Fr. McPeake

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Dean

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- WALTER M. PETRY, JR. Canisius Hall
Instructor in History
 A.B., Manhattan College; M.A., Cand. Ph.D., Columbia University
- THOMAS J. PINKMAN Xavier Hall
Lecturer in Business
 B.S., New York University; M.A., Columbia University;
 M.B.A., New York University
- ROBERT F. PITT Xavier Hall
Registrar
 B.S., New Haven State Teachers College;
 M.S., Cand. Ph.D., Fordham University
- ARTHUR R. RIEL, JR. Canisius Hall
Associate Professor of English
 A.B., College of the Holy Cross; M.A., Boston University
- REV. JAMES W. RING, S. J. Xavier Hall
Associate Professor of Physics
 A.B., M.A., M.S., Boston College; S.T.L., Weston College
- MAURICE E. ROGALIN Canisius Hall
Professor of Education; Director of Teacher Training
 B.S., Columbia University;
 M.A., Ph.L., Ph.D., Fordham University
- REV. RICHARD L. ROONEY, S. J. Canisius Hall
Associate Professor of Theology
 A.B., M.A., Boston College; S.T.L., Weston College

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- DONALD J. ROSS Xavier Hall
Associate Professor of Biology
 B.S., Fordham University; M.S., Boston College;
 Ph.D., Fordham University
- REV. JOHN W. RYAN, S.J. Canisius Hall
Professor of English
 A.B., A.M., Boston College; A.M., Harvard University;
 S.T.L., Weston College
- REV. CORNELIUS F. SHEA, S.J. Xavier Hall
Assistant Professor of Philosophy
 A.B., M.A., Boston College; S.T.L., Weston College
- JOSEPH M. SIMMONS Canisius Hall
Assistant Librarian, Technical Services
 B.S., Georgetown University; M.S., School of Library Service,
 Columbia University
- REV. FRANCIS A. SMALL, S.J. Canisius Hall
Associate Professor of History and Government; Librarian
 A.B., M.A., Boston College; M.S., School of Library Service,
 Columbia University; S.T.L., Weston College
- CHESTER J. STUART Canisius Hall
Associate Professor of German and Education
 A.B., University of Connecticut; M.A., Columbia University
- REV. J. CHRISTOPHER SULLIVAN, S.J. Xavier Hall
Associate Professor of Philosophy
 A.B., M.A., Boston College; Ph.L., Weston College
- FREDERICK W. TARTARO Xavier Hall
Director of Public Relations and Placement
 B.S.S., M.A., Fairfield University
- REV. FRANCIS TORRAS, S.J. Xavier Hall
Assistant Professor of Physics and Mathematics
 B.S., Massachusetts Institute of Technology;
 M.S. Fordham University
- JAMES P. VAIL Canisius Hall
Associate Professor of Sociology
 B.S., Seton Hall College; M.A., Ed.D., Columbia University
- REV. ROBERT E. VARNERIN, S.J. Xavier Hall
Assistant Professor of Chemistry
 A.B., M.A., Boston College; Ph.D., Catholic University;
 S.T.L., Weston College
- REV. JAMES A. WALSH, S.J. Canisius Hall
Professor of Theology
 A.B., Boston College; M.A., Immaculate Conception College;
 S.T.L., Weston College
- REV. FRANCIS X. WILKIE, S.J. Xavier Hall
Professor of Biology
 A.B., M.A., M.S., Boston College; S.T.L., Weston College

GENERAL INFORMATION

HISTORY

In December, 1941, at the invitation of the Most Reverend Maurice F. McAuliffe, D.D., Bishop of Hartford, the Society of Jesus of New England purchased two adjoining estates in the town of Fairfield, Connecticut, for the purpose of establishing an institution of higher learning founded on Christian faith and philosophy.

On September 8, 1942, Fairfield College-Preparatory School opened classes in a four-year program. Three hundred and nineteen students were admitted; within about six years the enrollment had risen to almost one thousand.

On May 29, 1945, by special act of the General Assembly of the State of Connecticut signed by His Excellency, Governor Raymond E. Baldwin, an absolute charter was granted to Fairfield University of Saint Robert Bellarmine, Incorporated, empowering it to "... establish, organize, maintain and conduct an institution of intermediate, secondary, undergraduate and graduate education in the State of Connecticut . . . to confer all such academic degrees as are usually given in colleges and universities."

COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences admitted its first class of three hundred and three students to Freshman Year, on September 26, 1947. A new class was received each successive year, and the first Commencement was held in June, 1951.

SUMMER SESSION

The first Summer Session of undergraduate courses was held in 1949, and the program was broadened to include the graduate courses in Education in the session of 1950.

GRADUATE DEPARTMENT OF EDUCATION

The program of graduate courses preparing for the Master of Arts degree in Education was established on the University Campus in the Spring semester of 1950.

ACCREDITATION

The College of Arts and Sciences was accredited by the State Board of Education of Connecticut in the summer of 1949. In June of the following year the same body approved Fairfield University's education pro-

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gram for teacher certification on the secondary level, and likewise accredited the graduate programs leading to the Master of Arts degree in Elementary and Secondary educational Administration, Supervision and Guidance.

In January, 1951, the Bar Examining Committee of the State of Connecticut officially approved the undergraduate curricula of Fairfield University as preparation for law school. In February, 1952, the New York State Education Department, acting for the New York Board of Regents, registered the same curricula in their office of higher education, thus approving them as preparation for graduate and professional schools within that state.

In December, 1953, Fairfield University was admitted to fully accredited membership in the New England Association of Colleges and Secondary Schools and in January, 1954, in the Association of American Colleges. In February, 1954, Fairfield was voted institutional membership in the American Council on Education.

Fairfield University is registered with The National Commission on Accrediting and is a member of The National Catholic Educational Association and The Jesuit Educational Association. The Faculty is affiliated with American Association of University Professors, American Accounting Association, American Association for the Advancement of Science, American Association of Collegiate Registrars and Admission Officers, American Association of Jesuit Scientists (Eastern States Division), American Catholic Historical Association, American Catholic Philosophical Association, American Chemical Society, American College Personnel Association, American Historical Association, American Institute of Accountants, American Institute of Physics, American Library Association, American Physical Society, American Society for Engineering Education, American Sociological Society, American Mathematics Society, Academy of Political Science, Association of Modern Language Teachers, College English Association, Connecticut Council Higher Education, Connecticut Library Association, Connecticut Society C.P.A., Jesuit Philosophical Association, Mathematical Association of America, Medieval Academy of America, Middle East Institute, Modern Language Association, National Education Association, New York Academy of Sciences, The Foreign Policy Association, and other learned Societies.

CAMPUS

Fairfield University's campus, comprising more than 200 acres, is endowed with exceptional natural beauty. From an elevation of 180 feet and at a distance of two miles, it commands a broad view of Long Island Sound.

It lies a mile north of Fairfield center and five miles west of the city of Bridgeport. It is fifty miles from New York City on the New Haven Railroad. A convenient schedule of trains gives frequent service to

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Bridgeport and other cities and towns on the shoreline. The University is three miles from the Merritt Parkway (Exit 44) and a half mile from the new Connecticut Turnpike (Exit 22).

McAuliffe Hall, one of the original buildings, is a massive structure in French Provincial style, of hand-hewn stone. It has served the College-Preparatory School for classrooms, student chapel, library, cafeteria and science laboratories.

Bellarmino Hall, a large English manor house of Weymouth sea-faced granite, is the principal residence for the Religious Faculty.

Berchmans Hall, the first of the new classroom buildings, is an imposing structure in simplified collegiate Gothic, finished in variegated tones of tan brick with cut limestone trim. The three main floors contain classrooms, administration offices for the College-Preparatory School, library, small chapel and Faculty rooms. The fourth floor is reserved for Faculty residence. In the basement are the student recreation room, cafeteria, and auditorium.

Xavier Hall, the second of the new classroom buildings, is done in closely harmonizing style with Berchmans Hall. In it are classrooms and complete laboratory units for biology, chemistry, and physics. Each natural science unit consists of general and special laboratories, lecture room, technique room, storage space, and office. The main floor has suites of offices for the Dean and Registrar, and for the Dean of Men and Director of Placement; it also has several large consultation rooms for student conferences with the teaching faculty. The Science Library and the Accounting-Business Laboratory are located in Xavier Hall.

Loyola Hall, the first college dormitory, opened in September, 1955. It accommodates 210 students and 7 faculty members, with an infirmary and a reception lounge. The ground floor contains chapel and dining facilities for more than 400, and a large student recreation room. It is located on the west portion of the campus.

Gonzaga Hall, the second college dormitory, opened in September, 1957. It accommodates 202 students and 6 faculty members. The ground floor contains an auditorium, a student recreation room and offices for student activities.

Canisius Hall, opened in September, 1957. The ground floor is occupied by the College Library. The main floor contains the Office of Admissions, Treasurer's Office, Language laboratory and classrooms. The remaining floors contain the office of the Graduate Department of Education, offices of the teaching faculty, and classrooms.

The Gymnasium, opened in June, 1959, provides facilities for Varsity and Intramural athletics, and some social activities. All Varsity and Intramural offices are located here. The gymnasium includes two Varsity or four intramural basketball courts, two handball courts, a special exercise room and provides facilities for boxing, wrestling, tennis, volley ball, calisthenics, and general assemblies.

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The *playing fields* stretch across the northern boundary of the campus; they include baseball diamond, quarter-mile cinder track, jumping pits, practice fields and areas for intramural games. There are outdoor paved basketball and tennis courts, south of Xavier Hall. A 3½ mile cross-country course circles and traverses the campus.

RESIDENCE

All boarding students are housed in Loyola and Gonzaga Halls. Most rooms are designed to accommodate two students and are completely furnished. There are a few three-bed rooms.

LIBRARY

To perform its functions adequately a library must possess sufficient resources and provide efficient service. The Fairfield University Library is located on the ground floor of the new classroom building, Canisius Hall. More than forty thousand carefully selected books and bound volumes of periodicals are available for study and research. The large, well-lighted reading room has an excellent selection of reference works. This reference section includes both the older, standard works and more recent valuable sources of information. More than three hundred and forty current periodicals are at hand to keep faculty and students fully informed on contemporary developments. The better to serve the students of the Natural Sciences, a special Science Library has been set up, in Xavier Hall, near the Science classrooms and laboratories.

A library exists for service. At Fairfield we take pride in the type of service we offer both to faculty and students. To stimulate interest in books and reading the stacks are open to all students. Trained personnel are available at all times for consultation and assistance. The Library in Canisius Hall is open from 8:30 A.M. to 10:00 P.M. on week days; on Saturdays from 8:30 A.M. to 4:00 P.M. On Sundays from 2:00 P.M. to 4:00 P.M. The Science Library is open week days from 9:00 A.M. to 5:00 P.M.; Saturdays 9:00 A.M. to 12:00 noon.

EDUCATIONAL POLICY

SYSTEM OF EDUCATION

Fairfield University is conducted by the Society of Jesus and therefore is associated in objectives with the 28 other Jesuit Colleges and Universities in the United States. Its ultimate objective is best expressed in the words of Pope Pius XI in his *Encyclical on the Christian Education of Youth*:

The true Christian, product of Christian education, is the supernatural man who thinks, judges and acts constantly and consistently in accordance with right reason, illumined by the supernatural light of the example and teaching of Christ; in other words, to use the current term, the true and finished man of character.

In the Jesuit tradition, Fairfield believes in the particular excellence of a liberal arts education in achieving this objective and offers its students a carefully integrated program of liberal arts courses. More than half the courses in each curriculum are drawn from history, languages, mathematics, physical and social sciences, philosophy and theology. Each curriculum provides as well a liberalized introduction to special areas of learning selected by the student and provides for the undergraduate's advancement into scholarly or professional studies.

The program is designed to develop habits of clear, logical and accurate thinking by such courses as Logic, Mathematics and the Natural Sciences. It strives to develop the student's ability for clear and forceful self-expression through courses in English Composition, Rhetoric and Languages. It seeks to inculcate a knowledge of human nature through Literature, a knowledge of the past through History, and a contemporary social awareness and sense of civic responsibility through courses in Social Science and Modern History. Finally, and most important, in its Liberal Arts program, Fairfield emphasizes for all students a clear knowledge of ultimate religious, philosophical and moral values through systematic courses in Philosophy and Theology.

RELIGION

Any sound system of education must acknowledge its responsibility for training in religion and morality. This need is coming to be ever more widely recognized in America by thoughtful parents, educators, and civic leaders, and its lack is being regarded with increasing anxiety. Fairfield, as a Catholic institution, willingly accepts this sacred responsibility, convinced that by the conscientious discharge of that responsibility it serves the welfare of both Church and State. By imparting the truths of Christian life and forming to habits of Christian virtue, it hopes to

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build good citizens of America as well as good citizens of the Kingdom of God.

For its Catholic students, Fairfield provides required courses in Catholic faith and moral practice, and required participation in specific religious exercises. Among these is the annual Student Retreat, three days devoted to instruction, prayer, and meditation according to the plan of the Spiritual Exercises of Saint Ignatius Loyola. This is a unique and effective instrument for correct spiritual orientation and sound formation of character.

These same facilities are freely offered to its other students who are not Catholic, and they are sincerely invited to profit by them. For all of her students, the University seeks to provide a dynamic environment in things of the mind and the spirit, to help them become men of cultured intelligence and shining honor, loyal to their country and to their God.

GUIDANCE

SPIRITUAL AND MORAL GUIDANCE

The Student Counselors

The principles which the student learns in theology and philosophy he must apply to the concrete circumstances of his own life and eternal salvation. Should he have doubts or meet difficulties, as often happens, in making that application, the Student Counselors are ready to assist him. They are priests specially trained for the guidance of souls and officially designated to the office they occupy. The offices of the Student Counselors are located in Canisius and Xavier Halls. Students are free to seek counsel in personal, spiritual, or moral matters from any member of the Faculty, a large number of whom are priests.

VOCATIONAL, EDUCATIONAL AND PERSONAL GUIDANCE

Guidance Staff

The Guidance Office under the direction of a trained Clinical Psychologist makes immediate contact with each student upon entrance by means of the Freshman Testing Program. Each incoming Freshman during Orientation Week has administered to him a complete battery of tests for vocational, educational and personal guidance: aptitude, reading and study skills, vocational interests, personality, etc. These serve as basic tools for his guidance throughout his college career. Further testing is done as needed. Also at this time each student is assigned to a Faculty Adviser whose function it is to meet regularly with the student, explain test results to him, offer appropriate counsel, watch month to month achievement, and in general to offer his services to help the student make the necessary adjustment to college life and assure him of academic success.

Guidance procedures include test interpretation interviews, educational guidance, vocational counseling, diagnostic testing, and improved reading and study skills programs. Students are invited to avail themselves

of these various services, especially when they have reason to believe that some deficiency exists. Participation is on a purely voluntary basis, and it is up to the student to take advantage of the services offered. Information regarding these services may be had from the Guidance Office in Canisius Hall.

PLACEMENT OFFICE

Vocational guidance and orientation are regarded as a preliminary and important step to Placement. Located in Xavier Hall, this office makes every effort to help the student with his placement problems, whether on a part-time or a full-time basis. Early in the second semester, and at other times by special arrangement, interviews with representatives of leading organizations and industries are arranged for the students who are interested. It is very important therefore, for students to register with this office early in their senior year, and where necessary, to take advantage of the vocational guidance services in their sophomore and junior years. The Guidance and Placement Offices were created by the University for its students. Students are invited to take advantage of these services. The service of the Placement Office is also available to Alumni. It is here that the vocational library and reading room is located and students are invited to make use of these facilities, particularly when they are faced with the problem of a vocational choice.

GRADUATE SCHOLARSHIP COMMITTEE

Fairfield University, through the Graduate Scholarship Committee, directs capable and willing students to graduate scholarship and fellowship courses and assists students in the attainment of them.

THE FACULTY

All members of the Faculty share personally and actively in the responsibility of providing educational, vocational and personal guidance. It is one of the objectives of the schools conducted by the Society of Jesus that the teacher take a personal interest in his students, that he know them individually, and understand their strength and weakness. The tradition perdures at Fairfield; the classes are not large, and opportunities are offered for close cooperation between teacher and student. For the purpose, each member of the Faculty maintains published office hours, either in the private offices distributed throughout the buildings or in one of the large general offices or "Consultation Rooms". And at uncounted other times they make themselves available for informal discussions, advice, and encouragement.

DISCIPLINE

Despite the truths inculcated by their religion, and the examples of virtue held out to them, and the guidance and counsel open to them, young men, no less than old, occasionally need stimulus of another kind for the completion of their character formation; they need the control of external authority. At Fairfield that authority is the Dean of Students, who has general care of student welfare and in particular of discipline.

The discipline which he exercises is considerate but firm, especially in matters which affect the good of the student body as a whole and which touch upon the reputation of the University. Nevertheless, the attitude of the Dean of Students, as of the rest of the Faculty, is such as to make discipline, as far as possible, the outgrowth of high student morale and an element in the maturing of character. The Administration reserves the right to dismiss a student or to exercise other disciplinary measures.

STUDENT HEALTH

The College Infirmary is located in Loyola Hall. A registered nurse is in residence; a doctor visits the Infirmary daily.

All students carry an Accident Insurance policy which is in effect 24 hours a day, from the first day of class in September to the last day of class in June. The cost of the insurance policy is included in the tuition fee.

GENERAL REGULATIONS

THE ACADEMIC YEAR

The Academic Year begins in mid-September and ends early in June, with recess periods at Christmas and Easter. It is divided into two semesters, each extending over a period of about eighteen weeks. The semester hour is the unit of instructional credit.

The class day begins at 9:10 in the morning, and is divided into class periods of fifty minutes and laboratory periods of one hundred minutes. Attendance at all assigned class and laboratory periods is compulsory and any absence must be explained in a written excuse submitted to the office of the Dean of Students. Excessive absences, even those excused, make a student liable to loss of credit for the course. Absences that exceed twice the number of credits granted for the course are excessive.

ADMISSION

The College of Arts and Sciences admits men only. Beginning students are admitted in September only. The applicant shall have received his high school diploma from a recognized high school or preparatory school, and he shall have acquired no less than fifteen *units* in college-preparatory studies. The *unit* is commonly understood as a measure of credit assigned for the successful completion of a high school course which meets four or five times each week throughout the year; *college-preparatory* units are those which are usually found in that curriculum of the high school which explicitly prepares for college. No vocational, commercial, or industrial units are considered to be preparatory to the work of the liberal arts college. Candidates for admission may present entrance units chosen from the following, among which must be at least three units in high school mathematics and at least two units in a foreign language.

English	4	Chemistry	1
Latin	4	Physics	1
Greek	2 or 3	History	3
French	2 or 3	Civics	$\frac{1}{2}$ or 1
German	2 or 3	Problems of	
Italian	2 or 3	Amer. Democracy	1
Spanish	2 or 3	Social Studies	1
Algebra	2	Economics	1
Plane Geometry	1	Geography	$\frac{1}{2}$ or 1
Solid Geometry	$\frac{1}{2}$	Law	$\frac{1}{2}$ or 1
Plane Trigonometry	$\frac{1}{2}$	Astronomy	1
General Science	1	Physiography	1
Biology	1	Mechanical Drawing	1

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In addition to the basic requirements, the applicant must present evidence to indicate his interest in and his competence for college studies. To that end he must submit the complete record of his high school studies, together with the recommendation of his Principal or Headmaster, upon forms which will be supplied by the Director of Admissions. All applicants are required to take the College Board entrance examinations.

ADVANCED PLACEMENT AND EARLY ADMISSIONS

In 1952, the College Entrance Examination Board instituted the Advanced Placement Program in order to allow the superior student to advance more rapidly and more richly in his chosen field. Fairfield University policy presupposes that the candidate has pursued, during his senior year in high school, a strictly Freshman-college-level course in the subject in which he seeks advanced placement, and has attained, in the Advanced Placement Test of the College Board program, a test-score acceptable both to the Committee on Admissions and the Chairman of the particular department concerned. The score must never be under a "3", and usually not under a "4". Beyond this, there is no general, fixed policy, since each candidate's record is studied individually, and the decision regarding advanced placement is made on the merit of each individual's record of achievement. The University will also welcome for early admission those superior students who have completed the regular, four-year course at an earlier date.

ADMISSION TO ADVANCED STANDING TRANSFER STUDENTS

Undergraduates of other recognized colleges who apply for admission to Fairfield as transfer students with advanced standing must present an official statement of honorable dismissal, a transcript of their college record, and a marked copy of the college's catalogue, to describe courses completed and offered for transfer credit. Only those courses will be accepted which fit the curriculum requirements of Fairfield University, and for which the earned grade was "C" or better.

No one will be admitted to advanced standing who has not completed creditably one entire year in a school of collegiate grade. No one will be admitted to standing higher than that represented by the completion of the Sophomore year.

ACADEMIC GRADES

The scale of marking for official reports and records is as follows:

90 to 100	A	Excellent
80 to 89	B	Good to Very Good
70 to 79	C	Fair to Good
60 to 69	D	Passing
Below 60	E	Failure

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The grade for each semester course is computed from two independent grades: the first is that for class work based on examinations, quizzes, recitations, and out-of-class assignments submitted throughout the semester; and the second is the grade earned in the examination at the close of the semester. In the Freshman and Sophomore years, the class work contributes two-thirds and the examination one-third toward the course grade. In the Junior and Senior years, however, both independent grades contribute equally.

Students whose class work throughout the semester is passing but who fail the examination at its close incur *conditional* failure. Normally they are offered an opportunity to sit a second time for the examination, which is then graded either "passed" or "not passed." If the examination is not passed, the student incurs an absolute failure in the course and must repeat it for academic credit during the Summer Sessions at Fairfield University or at some approved college. Credit for such a course will not be granted unless the consent of the Dean has been previously obtained, and a grade of "C" or its equivalent attained. A course deficiency which has not been cleared prevents a student from registering for the Fall Semester or from being awarded his degree on time.

In the middle of each semester the teaching faculty submits to the office of the Dean estimated grades for their students which are then reported by mail to the students' parents. Low grades constitute a definite warning of failure.

RECOMMENDATIONS

Recommendations are not issued to any student who does not achieve an average of C (70-79).

DEAN'S LIST

To qualify for the Dean's List, a student must have attained at least an A (90 to 100) in three of his courses and at least a B (80 to 89) in his other courses.

ACADEMIC PROMOTION

A student who incurs more than two absolute failures in a semester will be instructed to withdraw.

In addition to passing his courses each student must maintain a quality standard in excess of the passing grade. For advancement in good standing from Freshman to Sophomore year he must have a weighted average of 65%; for advancement to the other classes the requirement is 70%.

A student who has incurred a deficiency or who has failed to attain the specified quality standard may be advanced to the next year on pro-

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bation; probation will continue until the student completes one semester with an average of 70% or better. A student who has been on probation for three successive semesters will be asked to withdraw.

Honors at graduation are awarded for the following weighted averages computed on the entire four years' work:

Summa cum laude	95%
Magna cum laude	90%
Cum laude	85%

PREPARATION FOR MEDICAL SCHOOL AND DENTAL SCHOOL

If a student intends to go to Medical School or Dental School, he should apply for admission to the Bachelor of Arts program with a Biology Major or to the Bachelor of Science program with a Biology Major.

The Committee on Pre-Medical and Pre-Dental Recommendations determines whether the student has indicated that he will succeed in Medical School or Dental School. When the Committee decides that it will not be able to recommend a student to a Medical School or a Dental School, it requests the Dean to inform the student that he will not receive a recommendation to a Medical School or a Dental School.

WITHDRAWAL

A student who withdraws voluntarily will be granted honorable dismissal only under the following conditions:

1. He must not be already liable to dismissal for misconduct.
2. He must discuss his intention with the Dean and, if so instructed, must submit the request for withdrawal in writing from his parents or guardian.
3. He must have settled all financial accounts with the University.

When a student is granted honorable dismissal, he may request refund of tuition (but not of special fees) according to the schedule given in the following title.

STUDENT EXPENSES

TUITION AND GENERAL FEES

Matriculation Fee	\$ 10.00	(This will be refunded if the applicant is not accepted; it is not refunded if he voluntarily withdraws his application.)
Tuition	\$350.00	a semester, payable on or before the first day of the semester. An acceptance deposit (non-refundable) of \$20.00 is paid on acceptance of the notice of admission: it is credited towards the semester's tuition.
Resident Students: Board and Room	\$400.00	a semester, payable on or before the first day of the semester.
Room Deposit	\$ 25.00	non-refundable if applicant voluntarily cancels his reservation.

LABORATORY AND SPECIAL FEES

Accounting, per semester	\$ 5.00
Industrial Management, per semester	5.00
Biology, per semester	
General Botany and Zoology	15.00
General Biology	10.00
Comparative Anatomy	20.00
Embryology	15.00
Histology	15.00
Physiology	20.00
Chemistry, per semester	
General Inorganic	10.00
General Chemistry	10.00
Inorganic Analysis	15.00
Organic	20.00
Physical	15.00
Organic Analysis	20.00
Biochemistry	20.00
In each Chemistry course having laboratory work, there is in addition a breakage deposit, equal in amount to the semester fee for the course.	
Physics, per semester (laboratory courses)	\$10.00
Language, per semester	\$ 5.00

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Special Fees

Late Registration	5.00
Condition or Absentee Examination	10.00
Change of Curriculum	5.00
Change of Single Course	5.00
Revised Posting of Academic Record	5.00
Supplementary Academic Transcript	2.00
Practice Teaching	25.00
Extra Course per semester hour	20.00
Commencement	25.00

All checks are to be made payable to Fairfield University. Deferred payments must be arranged through Treasurer's Office. A charge of \$5.00 a month is made for such payments.

Tuition and other academic fees may be paid through the Tuition Plan, Incorporated. Student loans may also be arranged under terms of the National Defense Act. For information write to the Office of Treasurer, Fairfield University.

REFUND

No refund may be demanded as a matter of right when a student leaves the University without completing the semester in which he was engaged. If, however, his withdrawal is authorized for good cause and if he has honorable dismissal, he may request in writing a refund of tuition, according to the following schedule. General and special fees are not refundable.

REQUEST	REFUND
During the first two weeks	80%
During the third week	60%
During the fourth week	40%
During the fifth week	20%
After five weeks	0

GIFTS

ACKNOWLEDGEMENTS

Fairfield, like all private-enterprise institutions of higher learning, leans heavily upon the loyalty of its devoted friends for the material resources without which it cannot serve the youth of America. These friends are many, almost all of them people of but moderate means, who have given both services and savings in a cause they value highly. It is impossible to name them all individually; they must be thanked together:

The officers, past officers, and faithful members of the Fairfield University Fathers' Club and the Bellarmine Guild.

The Ford Foundation; all donors to the New England College Fund; The Connecticut Society of Certified Public Accountants and the Fairfield Chapter, American Society of Mechanical Engineers, for special awards to students; and the Alumni Company of America.

The donors of various personal contributions in money, equipment, and furnishings who in the spirit of sound charity have requested that their benefactions remain anonymous.

NEEDS

A young and vigorous institution needs many things to conserve and augment its strength. Among the most pressing needs at Fairfield are:

- Scholarships, founded or otherwise, for worthy youth with limited resources
- Extensions on the faculty residence
- Unrestricted funds and gifts for development
- Prizes and awards for scholarship and leadership

BEQUESTS

Gifts may be made in money or in kind, and may be given for specific purposes or remain unassigned. A suggested legal form of bequest is the following:

I give and bequeath to Fairfield University of Saint Robert Bellarmine, Incorporated, the sum of dollars for its general corporate purposes.

THE CURRICULA

There are four major curricular classifications leading to four distinct degrees. The degrees are Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, and Bachelor of Social Sciences.

In each one of the curricula more than one-half of the semester hours credit are in the field of general or liberal education, as explained under a previous title. Much even of what remains in several of the curricula are similarly courses in true liberal education, while in others they are the beginnings of concentrations in specialized fields or in professional training.

BACHELOR OF ARTS

Bachelor of Arts is the traditional liberal arts degree, awarded only after studies in the ancient classical languages and their literatures. Here at Fairfield, it demands a minimum of two years of college Latin (following on three or four years of high school Latin). In the college courses the student reads generous portions of the works of Horace, Juvenal, Vergil, Catullus, Cicero, and of the later authors both pagan and Christian. The program recommends Greek, both Homeric and some of the Attic authors; but it will accept in place of Greek two years of mathematics, consisting of college algebra and analytic geometry, through differential and integral calculus.

BACHELOR OF SCIENCE

The *Bachelor of Science* program offers major concentrations in Biology, Chemistry, Mathematics and Physics. In all of these, despite the large amount of time already preempted for the "core" studies of all the curricula, there is still enough of special training to constitute a valid major. The concentration in Biology provides more than the minimum in technical subjects required by the American Medical Association for admission to medical school; and the programs in Chemistry, Mathematics, and Physics present an adequate selection of subjects of both a theoretical and applied nature, so that the student is ready either to continue with graduate studies in a professional school, or to find employment in industry.

BACHELOR IN BUSINESS ADMINISTRATION

The program in *Business Administration* offers majors in Accounting, General Business, Industrial Management and Marketing. Here again there is the usual quantity and quality of liberal subjects, to which are added the specific business courses. In the Accounting major, at least

twenty-four semester hours of credit are devoted to formal courses in Accounting. Half that time in the same field is demanded even of majors in General Business, who are offered in addition a variety of other courses in business organization, industrial and personnel management, and in related fields of economics.

BACHELOR IN SOCIAL SCIENCES

The curriculum in *Social Sciences* is in many ways similar to the Bachelor of Arts program, with the exception of the work in ancient classical languages; it is liberal education without Latin and Greek. It is the answer to the need of many students whose vocational aim is not yet clearly specified, and who do not require the technical preparation of the other special programs, whether in science or in business. As the name implies, it is especially strong in the social sciences and particularly in history. It includes also economics, education, government, and sociology before the student embarks on his upper-division courses. When he does so, he may declare for a major concentration in one of these fields, or he may elect a pre-legal distribution whose purpose is, without poaching on the field of law, to fit him with all the fundamental disciplines and cultures he will need for a successful course in law school.

Of special interest is the *major in Education* which contains the programs toward certification for secondary school teaching in the State of Connecticut. According to the current requirements of the State Department of Education, a secondary school teacher, in addition to specific courses in the subjects he wishes to teach, must also have a minimum of 18 credits in Education courses, of which six credits must be in observation of high school classes and in practice teaching under supervision. Fairfield provides these as a regular part of its curriculum, and is accepted by the Department of Education as one of the approved teacher-training institutions of the State.

In addition to the Social Sciences, *prospective teachers* may prepare to certify in a number of other teaching fields, including English, Languages, and the Natural Sciences. Students who have the intention of teaching in the fields will do well to matriculate in the curriculum appropriate to their field of interest — if for teaching Chemistry, then Bachelor of Science Chemistry, etc. They take the Freshman year courses in common with other students, exactly as specified in the following curricula. Toward the end of their Freshman year they consult with the Dean regarding adjustments of their program, so as to substitute courses in Education during Sophomore and subsequent years.

Detailed schedules of the sequence of courses which comprise each of the several curricula will be found on the following pages. These schedules began in September, 1958, for the Class of 1962. For schedules affecting previous classes consult previous catalogues.

Bachelor of Arts

*Major in Economics, Education, English, Government
History, Languages, Mathematics or Sociology*

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
En 11-12	Appreciation of Literature; Poetry	3	3
*Gr 11-12	Elementary Homeric Greek	*3	*3
*Gr 21-22	Greek Prose	*3	*3
La 11-12	Cicero, Horace, Livy, Vergil, Catullus	3	3
*Ma 15-16	Mathematical Analysis	*3	*3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
En 21-22	Appreciation of Literature; Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
*Gr 23-24	Greek Dramatic Poetry	*3	*3
La 21-22	Horace, Juvenal, Tacitus, Cicero	3	3
*Ma 21-22	Differential and Integral Calculus	*3	*3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
**Electives		3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ph 151-152	Philosophical Psychology I and II	3	3
Science	General Biology, Chemistry or Physics	4	4
Electives	Two courses in History	3	3
Electives	Four courses in the field of concentration or in an allied field	6	6
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ph 181-182	General and Special Ethics	3	3
Electives	Two courses in History	3	3
Electives	Four courses in the field of concentration or in an allied field	6	6
Electives	History of Philosophy; Appreciation of Art or Music	3	3

*Choose one

**Two Language courses or two courses in the field of concentration

Bachelor of Arts

Pre-Medical and Pre-Dental

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ch 11-12	General Inorganic Chemistry	4	4
En 11-12	Appreciation of Literature; Poetry	3	3
La 11-12	Cicero, Horace, Livy, Vergil, Catullus	3	3
Ma 13-14	Freshman College Mathematics	3	3
Ph 81-102	Logic; Epistemology	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Bi 11-12	General Botany and Zoology	4	4
Ch 21-22	Qual. and Quant. Inorganic Analysis	4	4
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
La 21-22	Horace, Juvenal, Tacitus, Cicero	3	3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ch 111-112	Organic Chemistry	5	5
Hi 45-56	Contemporary Society	3	3
Ph 151-152	Philosophical Psychology I and II	3	3
Ps 83-84	General College Physics	4	4
*Electives		3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Bi 101-142	Comparative Anatomy; Vertebrate Embryology	4	4
Hi 81-82	Western Civilization	3	3
Ph 181-182	General and Special Ethics	3	3
*Electives		3	3
		4	4

*Electives may include courses in French, German, Greek, or Russian.

Bachelor of Science

Major in Biology (Pre-Medical and Pre-Dental)

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Bi 11-12	General Botany and Zoology	4	4
Ch 11-12	General Inorganic Chemistry	4	4
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 13-14	Freshman College Mathematics	3	3
Ph 81-102	Logic; Epistemology	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Ch 21-22	Qual. and Quant. Inorganic Analysis	4	4
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Hi 45-46	Contemporary Society	3	3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Ps 83-84	General College Physics	4	4
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ch 111-112	Organic Chemistry	5	5
Language	French, German Greek, or Russian	3	3
Ph 151-152	Philosophical Psychology	3	3
Electives		3	3
		4	4
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Bi 101-142	Comparative Anatomy; Vertebrate Embryology	4	4
Hi 81-82	Western Civilization	3	3
Language	French, German, Greek, or Russian	3	3
Ph 181-182	General and Special Ethics	3	3
*Electives		3	3

*Electives may include History of Philosophy and Appreciation of Art or Music.

Bachelor of Science

Major in Chemistry

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ch 15-16	General Inorganic Chemistry	5	5
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 15-16	Mathematical Analysis	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	German or Russian	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Ch 25-26	Inorganic Analytical Chemistry	5	5
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ma 21-22	Differential and Integral Calculus	3	3
Ph 115-116	Ontology: Cosmology and Natural Theology	3	3
Ps 15-16	General College Physics	4	4
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ch 111-112	Organic Chemistry	5	5
Ch 161-162	Physical Chemistry	4	4
Hi 81-82	Western Civilization	3	3
Ph 151-152	Philosophical Psychology	3	3
*Electives		3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ph 181-182	General and Special Ethics	3	3
Electives	Four courses in the field of concentration	6	6
*Electives		6	6

*Electives may include at least one year of German or Russian. In Senior include History of Philosophy and Appreciation of Arts or Music.

Bachelor of Science

Major in Physics

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ch 11-12	General Inorganic Chemistry	4	4
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 15-16	Mathematical Analysis	3	3
Ph 81-102	Logic; Epistemology	3	3
Ps 15-16	General College Physics	4	4

SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Hi 15-16	Western Civilization	3	3
Ma 21-22	Differential and Integral Calculus	3	3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Ps 111-112	Modern Physics and Applied Mechanics	3	3

JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ma 111-122	Differential Equations; Advanced Calculus I	3	3
Ph 151-152	Philosophical Psychology	3	3
*Ps 113-142	Strength of Materials; Heat and Thermodynamics	3	3
Ps 171-172	Electricity and Magnetism	3½	3½
Language	German or Russian	3	3

SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ma 123-112	Advanced Calculus II: Partial Differential Equations	3	3
Ph 181-182	General and Special Ethics	3	3
*Ps 123-122	Dynamics and Optics	3	3
Ps 181-182	Electronics; Atomic and Nuclear Physics	3½	3½
Language	German or Russian	3	3

*Alternating; open to both Juniors and Seniors.

Bachelor of Science

Major in Mathematics

FRESHMAN YEAR		Semester Hrs.	
		1 Sem.	2 Sem.
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ch 11-12	General Inorganic Chemistry	4	4
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 15-16	Mathematical Analysis	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German or Russian	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ma 21-22	Differential and Integral Calculus	3	3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Ps 15-16	General College Physics	3	3
Language	French, German or Russian	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Hi 81-82	Western Civilization	3	3
Ma 111-122	Differential Equations; Advanced Calculus I	3	3
*Ma 131-172	Theory of Equations; Solid Analytical Geometry	3	3
Ph 151-152	Philosophical Psychology	3	3
Electives	Two courses in mathematics or physical science	3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ma 123-112	Advanced Calculus II; Partial Differential Equations	3	3
*Ma 151-152	Statistics and Probability	3	3
Ph 181-182	General and Special Ethics	3	3
Hi 51-52	American History I and II	3	3
Electives	History of Philosophy; Appreciation of Art or Music	3	3

*Alternating; open to both Juniors and Seniors.

Bachelor of Business Administration

Major in Accounting

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ac 11-12	Principles of Accounting	3	3
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 11a-12a	Mathematics of Finance	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Ac 21-22	Intermediate Accounting	4	4
Ec 11-12	Principles of Economics	3	3
En 21-22	Appreciation of Literature; Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Language	French, German, Russian or Spanish	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
*Ac 111-112	Cost Accounting	3	3
*Ac 161-162	Tax Accounting	2	2
Bu 111-112	Business Law	4	4
Bu 162-Ec 104	Business Statistics; Intermediate Analysis	3	3
Ph 151-152	Philosophical Psychology	3	3
Electives	Two courses in the field of Business	3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
*Ac 101-102	Advanced Accounting	3	3
*Ac 131-132	Auditing	2	2
Hi 81-82	Western Civilization	3	3
Ph 181-182	General and Special Ethics	3	3
Electives	Two courses in the field of Business	3	3
*Alternating; open to both Juniors and Seniors.			

Bachelor of Business Administration

Major in General Business

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ac 11-12	Principles of Accounting	3	3
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 11a-12a	Mathematics of Finance	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3

SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Ac 21-22	Intermediate Accounting	4	4
Ec 11-12	Principles of Economics	3	3
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature	1	1
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Language	French, German, Russian or Spanish	3	3

JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Bu 111-112	Business Law	4	4
Bu 162-Ec 104	Business Statistics; Intermediate Analysis	3	3
Ph 151-152	Philosophical Psychology	3	3
Electives	Four courses in the field of concentration or in an allied field	6	6

SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ph 181-182	General and Special Ethics	3	3
Hi 81-82	Western Civilization	3	3
Electives	Four courses in the field of concentration or in an allied field	6	6
Electives	History of Philosophy; Appreciation of Art or Music	3	3

Bachelor of Business Administration

Major in Industrial Management

FRESHMAN YEAR		Semester Hrs.	
		1 Sem.	2 Sem.
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ac 11-12	Principles of Accounting	3	3
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 11a-12a	Mathematics of Finance	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Bu 101-102	Industrial Management; Industrial Processes	3	3
Ec 11-12	Principles of Economics	3	3
En 21-22	Appreciation of Literature; Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Language	French, German, Russian or Spanish	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Bu 111-112	Business Law	4	4
*Ac 111a-112a	Industrial Cost Accounting	3	3
*Bu 123-124	Production Control; Quality Control	3	3
Bu 162-Ec 104	Business Statistics; Intermediate Analysis	3	3
Ph 151-152	Philosophical Psychology	3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
*Bu 125-126	Motion and Time Study; Industrial Procurement	3	3
*Bu 171-172	Corporation Finance and Investments	3	3
Hi 81-82	Western Civilization	3	3
Ph 181-182	General and Special Ethics	3	3
Electives	History of Philosophy; Appreciation of Art or Music	3	3

*Alternating; open to both Juniors and Seniors.

Bachelor of Business Administration

Major in Marketing

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
Ac 11-12	Principles of Accounting	3	3
En 11-12	Appreciation of Literature: Poetry	3	3
Ma 11a-12a	Mathematics of Finance	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Bu 141-142	Marketing Principles; Principles of Retailing	3	3
Ec 11-12	Principles of Economics	3	3
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Language	French, German, Russian or Spanish	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Bu 111-112	Business Law	4	4
Bu 162-Ec 104	Business Statistics; Intermediate Analysis	3	3
*Bu 151-152	Sales Management; Advertising	3	3
Hi 81-82	Western Civilization	3	3
Ph 151-152	Philosophical Psychology	3	3
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
*Bu 143-144	Marketing Research and Problems	3	3
Ph 181-182	General and Special Ethics	3	3
Electives	Four courses in the field of Business	6	6
Electives	History of Philosophy; Appreciation of Art or Music	3	3

*Alternating; open to both Juniors and Seniors.

Bachelor of Social Science

Major in Education

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
En 11-12	Appreciation of Literature: Poetry	3	3
Hi 15-16	Western Civilization	3	3
Ma 11-12	Fundamental College Mathematics	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3

SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	2	2
Ed 13-141	History and Principles of Education; Educ. Psychology	3	3
En 21-22	Appreciation of Literature: Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Hi 51-52	American History I and II	3	3
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
Language	French, German, Russian or Spanish	3	3

JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ed 181-182	Directed Observation: Tests and Measurements	2	3
Ph 151-152	Philosophical Psychology	3	3
Science	General Biology, Chemistry or Physics	4	4
Electives	Three courses in teaching field	6	3
Electives	Two courses in Social Science subjects	3	3

SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ed 163-182	Methods of Teaching in Secondary Schools; Supervised Practice Teaching	3	4
Ph 181-182	General and Special Ethics	3	3
Electives	Four courses in teaching field	6	6
Electives	Appreciation of Art or Music	3	3

Bachelor of Social Science

*Major in Economics, English, Government, History,
Languages or Sociology*

FRESHMAN YEAR		Semester Hrs. 1 Sem. 2 Sem.	
Th 13-14	Christ in the Old Testament; in the Gospels I	2	2
En 11-12	Appreciation of Literature: Poetry	3	3
Hi 15-16	Western Civilization	3	3
Ma 11-12	Fundamental College Mathematics	3	3
Ph 81-102	Logic; Epistemology	3	3
Language	French, German, Russian or Spanish	3	3
SOPHOMORE YEAR			
Th 23-24	Christ in the Gospels II; Six Sacraments	3	3
Ec 11-12	Principles of Economics	3	3
En 21-22	Appreciation of Literature; Oratory and Drama	2	2
En 23-24	Masterpieces in World Literature I and II	1	1
Ph 115-116	Ontology; Cosmology and Natural Theology	3	3
*Electives		3	3
Language	French, German, Russian or Spanish	3	3
JUNIOR YEAR			
Th 133-134	God and Creation; Incarnate Word and Redemption	2	2
Ph 151-152	Philosophical Psychology	3	3
Science	General Biology, Chemistry or Physics	4	4
*Electives		3	3
Electives	Four courses in the field of concentration or in an allied field	6	6
SENIOR YEAR			
Th 143-144	Marriage and the Family; Asceticism and the Apostolate	2	2
Ph 181-182	General and Special Ethics	3	3
*Electives		3	3
Electives	Four courses in the field of concentration or in an allied field	6	6
Electives	History of Philosophy; Appreciation of Art or Music	3	3

*Two courses in American History, Government or Sociology.

COURSE DESIGNATIONS

NUMBERS

Courses numbered 1 to 99 are generally lower division courses. Among these, numbers from 11 to 19 designate courses either strictly introductory, or introductory to the college-level treatment of the subject. Numbers from 21 to 29 generally designate intermediate courses, and numbers from 31 forward advanced courses, as in the modern foreign languages.

Courses numbered from 101 to 199 are generally upper division courses. Those in any subject field which fall within the same decade group (e.g., 151 to 159) are commonly on identical or closely related topics in the subject field. The numbers make no assumption however about logical sequence, prerequisites, or order of difficulty.

Odd-numbered courses are commonly given in the Fall Semester, even-numbered courses in the Spring. Each individually numbered course extends through one semester.

ABBREVIATIONS

The abbreviations of the subject fields are so chosen as to fall into the same alphabetical order as their full titles. Those at present in use in the College of Arts and Sciences are as follows:

Ac	Accounting	Hi	History
Bi	Biology	It	Italian
Bu	Business	La	Latin
Ch	Chemistry	Ma	Mathematics
Ec	Economics	Ph	Philosophy
Ed	Education	Ps	Physics
En	English	Ru	Russian
Fr	French	So	Sociology
Gm	German	Sp	Spanish
Go	Government	Th	Theology
Gr	Greek		

COURSE DESCRIPTIONS

Accounting

MR. THOMAS J. FITZPATRICK, *Chairman*

Ac 11 PRINCIPLES OF ACCOUNTING I

An introductory course to acquaint the student with the functions of bookkeeping and accounting and with their importance in modern industry. The subject matter includes: theories of debit and credit, classification of accounts, orientation to the entire cycle of bookkeeping procedure in accounting for property, proprietorship and profits under the various forms of business organization, concluding with special books of original entry and subsidiary ledgers.

3 lectures

3 semester hours

Ac 12 PRINCIPLES OF ACCOUNTING II

A continuation of Accounting II placing emphasis on accounting for partnerships and corporations. The subject matter includes: the distribution of partners' salaries, interest on investment, goodwill, sale and dissolution of partnerships, the corporate organization, types of stocks and surplus accounts, the elements of manufacturing cost, trading and manufacturing operations, sales and consignments, the voucher register and interpretation of financial and operating statements.

3 lectures

3 semester hours

Ac 21 INTERMEDIATE ACCOUNTING I

Includes a brief review of the accounting process and a detailed study of the corporate balance sheet with its related accounting problems. The subject matter includes: current assets, cash and temporary investments, receivables and inventories, non-current assets, permanent investments, plant and equipment, intangible assets and deferred charges, liability and surplus accounts. The scope of the work is such that the student is provided ample opportunity to exercise creative ability in the laboratory problems and still retain the basic accounting principles.

3 lectures, 1 laboratory period

4 semester hours

Ac 22 INTERMEDIATE ACCOUNTING II

Mainly an analytical course wherein the student applies the basic principles of accounting in completing problems from incomplete and comparative data. The subject matter includes: errors and their correction, statements from incomplete data, double entry statements from single entry records, statement analysis, use of special ratios and measurements, and actuarial science, concluding with the statement of application of funds. Current trends in business through the use of reference material from leading financial institutions are also given consideration.

3 lectures, 1 laboratory period

4 semester hours

FAIRFIELD UNIVERSITY

Ac 101 ADVANCED ACCOUNTING I

A course for students majoring in accounting, treating such subjects as: the formation, operation, dissolution and liquidation of partnerships, joint ventures, consignments and insurance, receivership and insolvency, the statement of affairs, realization and liquidation reports, home office and branch accounting, parent and subsidiary accounting. Creative ability may be exercised by the student in solving the various complicated problems required for the completion of this course.

2 lectures, 1 laboratory period

3 semester hours

Ac 102 ADVANCED ACCOUNTING II

A continuation of Accounting 101 covering such subjects as: purchases and sales of subsidiary stock, major and minor parent companies, reciprocal stock holdings, the consolidated balance sheet, surplus statement and revenue statement, mergers-method of combining and financing, foreign exchange, estate, trust, municipal, and bank accounting, budget form, content and analysis and stock brokerage.

2 lectures, 1 laboratory period

3 semester hours

Ac 111 COST ACCOUNTING I

A course for students majoring in accounting or general business. A study of the theory and practice of determining production and distribution costs of manufactured products for purpose of control of operation by management. Cost systems, account classification, subsidiary ledgers and cost records, accounting for the elements of cost: material, labor, and overhead, specifically applied to job order cost accounting. The student is required to maintain and successfully complete the records of a manufacturing concern employing this type of cost system.

2 lectures, 1 laboratory period

3 semester hours

Ac 112 COST ACCOUNTING II

A continuation of Accounting 111, treating such subjects as: monthly closing entries, preparation of analytical and comparative statements, budgets, analysis of variances, accounting for the elements of cost, material, labor and overhead, specifically applied to process, estimated and standard cost accounting. The student is required to maintain and successfully complete the records of two concerns, one employing the process cost system and the other employing a standard cost system.

2 lectures, 1 laboratory period

3 semester hours

Ac 111a-112a INDUSTRIAL COST ACCOUNTING I & II

Cost accounting for industrial management majors.

2 lectures, 1 laboratory period a week through 2 semesters

6 semester hours

Ac 131 AUDITING I

The objects of this course are the theory and practice of interpretation and verification of books of account in determination of financial condition, operating results, administration of affairs, detection and prevention of fraud, and internal audit. Some of the subjects covered are: acquisition of an intimate knowledge of business, controls, mechanics and procedure involved in conducting a proper interpretation and verification of accounts; techniques and liability of auditors.

2 semester hours

COURSE DESCRIPTIONS

Ac 132 AUDITING II

A continuation of Accounting 131 with emphasis on case problems and application of correct audit procedure. The composition, preparation and rendition of audit reports, municipal, bank and commercial audit practices, are fully considered. The student is required to complete one detailed auditing problem and several test audits.

2 semester hours

Ac 161 TAX ACCOUNTING I

A specialized course which considers the accounting problems relating to the current Federal tax laws with application to the individual, the individual proprietorship and the partnership. Some of the subjects covered: gross income-inclusions and exclusions, deductions-allowable and unallowable, capital gains and losses and the preparation of tax returns.

2 semester hours

Ac 162 TAX ACCOUNTING II

A continuation of Accounting 161, with emphasis on the Federal and State tax laws pertaining to corporations and fiduciaries. Some of the subjects covered: estate and gift taxes, payroll, sales and corporated and unincorporated State business taxes.

2 semester hours

Biology

REV. FRANCIS X. WILKIE, S.J., *Chairman*

Bi 11 BOTANY AND INVERTEBRATE ZOOLOGY

A general survey of the plant kingdom and a study of protoplasm, the cell, mitosis and meiosis. A comprehensive consideration of the anatomy and physiology of plant organs and tissues, stems, roots, leaves, and flowers. The study of a synoptic series of invertebrates, animal tissues, organs and systems with dissection of type specimens of the invertebrates.

2 lectures, 2 laboratory periods

4 semester hours

Bi 12 VERTEBRATE ZOOLOGY

Classification and characteristics of vertebrates. A systematic study of the gross anatomy and physiology of the skeletal, muscular, digestive, respiratory, urogenital, nervous and endocrine systems of representative vertebrates.

2 lectures, 2 laboratory periods

4 semester hours

Bi 81 GENERAL BIOLOGY I

An introduction to the study of biology and of the scientific method as applied in the biological sciences. The purpose of the course is to provide a biological background for philosophical, sociological and educational study. Fundamental principles of biology and illustrations in various plants and animals

3 lectures, 1 laboratory period

4 semester hours

FAIRFIELD UNIVERSITY

Bi 82 GENERAL BIOLOGY II

A study of the principles of human anatomy and physiology. A comparison of the organ systems of man with those of a representative vertebrate. The essentials of morphology and physiology are stressed and emphasis is placed on the interesting and practical aspects of living things in their relationships to man and to human affairs.

3 lecture, 1 laboratory period

4 semester hours

Bi 101 COMPARATIVE ANATOMY OF VERTEBRATES I

A comparative study of the different classes of vertebrates. The lectures are devoted to the anatomy and phylogeny of the organ systems in vertebrates, the principles of homology, adaptive changes in the various groups, and the progressive differences in the vertebrate systems. The laboratory work consists of dissection and comparative study of typical vertebrates.

2 lecture, 2 laboratory periods

4 semester hours

Bi 102 COMPARATIVE ANATOMY OF VERTEBRATES II

A continuation of Biology 101. A detailed and systematic study of the skeletal integumentary, muscular, respiratory, urogenital, nervous and endocrine systems with special emphasis on the anatomy of a mammal as compared to the anatomy of the other classes of vertebrates.

2 lecture, 2 laboratory periods

4 semester hours

Bi 111 GENERAL PHYSIOLOGY I

The importance of physico-chemical phenomena in biological problems is considered. The gas laws, theories of solution, buffer systems, temperature, pressure, etc., are discussed in relation to permeability, energy transformations, bioelectrical phenomena, inhibitor action, growth and cell division.

2 lectures, 2 laboratory periods

4 semester hours

Bi 112 PHYSIOLOGY II

A lecture course with laboratory demonstrations on the dynamics of living matter, vital functions, digestion, metabolism, excretion, secretion, hormones, vitamins, enzymes, respiration, circulation, muscle physiology, sensation, reflexes and tropisms, excitation and inhibition.

2 semester hours

Bi 121 GENETICS

A study of the principles of Mendelian inheritance and modern theories of heredity; and an introduction to experimental, biometrical, and cytological methods. Whenever possible, examples illustrate the practical applications of the fundamental laws of inheritance in the breeding of plants and animals and in human heredity.

2 semester hours

Bi 131 HISTOLOGY

A study of the microscopic anatomy of vertebrate animals; the morphology of cells and their combinations in the various tissues and organs of the body. The structure of cells, tissues and organs is constantly related to their functions in the different vital processes, and to the participation of the fundamental tissues in the formation of organs and systems of organs.

2 lecture, 2 laboratory periods

4 semester hours

COURSE DESCRIPTIONS

Bi 142 VERTEBRATE EMBRYOLOGY

A course in vertebrate developmental anatomy; the morphology and physiology of the reproductive organs, gametogenesis, segmentation, gastrulation, and the formation of the primary germ layers; a detailed study of the chick embryo from the primitive streak to the establishment of the organs and systems and a consideration of the 10 mm. pig embryo.

2 lecture, 2 laboratory periods

4 semester hours

Bi 151 MICROBIOLOGY

Study of bacteria, yeasts, molds, rickettsiae, viruses, protozoa, culture and staining methods, biochemical activities, pathogenicity, immunity and serum reactions.

2 lecture, 2 laboratory periods

4 semester hours

Bi 162 GENERAL PARASITOLOGY

Study of protozoa, worms, and arthropod parasites. Life cycles, modes of transmission, treatment and epidemiology of parasitic infections.

2 lecture, 2 laboratory periods

4 semester hours

Business

MR. THOMAS J. FITZPATRICK, *Chairman*

Bu 101 INDUSTRIAL MANAGEMENT

The factors of production are studied through an examination of raw materials supply, plant location and layout, power and labor. Attention is given to control of quality, waste, cost and raw materials. Product development, introduction, planning and scheduling are considered.

3 semester hours

Bu 102 INDUSTRIAL PROCESSES

A study of the basic processes used in industry today. In addition to the use of machine tools, the course considers: hot and cold rolling of metals; castings; forgings; drawing; welding; brazing; plating; heat treating. The course will be supplemented by shop visitations and laboratory work.

3 semester hours

Bu 111 BUSINESS LAW I

A study of the general principles of law followed in business, including a brief survey of court systems and procedure, and a detailed analysis of the law relating to contracts, assignment and agency. The text method is supplemented by reference to particular cases and to applicable statutes.

4 semester hours

Bu 112 BUSINESS LAW II

A continuation of Business Law 111 with a detailed study of the law relating to negotiable instruments, banks and banking, personal property, security transactions and insurance.

4 semester hours

FAIRFIELD UNIVERSITY

Bu 121 BUSINESS ORGANIZATION AND MANAGEMENT

A study of the organization, operation and control of the business enterprise. The subjects considered are: the legal and structural forms of a business enterprise, promotion, functional activities, and control techniques such as cost accounting and budgeting. Application of the principles to current cases will constitute a major portion of the course.

3 semester hours

Bu 122 PERSONNEL MANAGEMENT

A study of the principles and practices of employee selection, management and training. The subjects considered are: organization and functions of the personnel department, job evaluation, promotional charts, administration of incentive systems, welfare activities, the collective agreement, the just wage, and legislation affecting personnel relations.

3 semester hours

Bu 123 PRODUCTION CONTROL

Production forecasting, control through production budgets, material specifications, routing of operations and processes, plant layout, plant safety, dispatching, quality and inventory control, problems of classification and identification in a production control system, relationship between the production control department and other departments.

3 semester hours

Bu 124 QUALITY CONTROL

Control through standards and forecasts. Classification of finished goods in re: quality, quality measurement and relation to wage incentives. Distribution of various grades of the same finished product. Relation between quality control department, production control department and other departments.

3 semester hours

Bu 125 MOTION AND TIME STUDY

The economic uses of motion and time, study, process and operation analysis, micro-motion study, use of therbligs, principles of motion economy, standardization, relation to wage incentives, the determination of the rating factor, determination of time standards from elemental time data and formulas.

2 lecture hours, 1 2-hour laboratory period

3 semester hours

Bu 126 INDUSTRIAL PROCUREMENT

The procurement through purchase of the material, supplies and equipment necessary for the conduct of the business unit. Centralization versus decentralization of the purchasing function, purchasing budgets, make or buy, the measurement of purchasing efficiency and some legal aspects of purchasing.

3 semester hours

Bu 141 MARKETING

The place of marketing in the economic system; the changing effects of population, age, income and consumption in prosperity and depression; functions of transportation, storage, standardization and grading; various types of retail and wholesale institutions; channels of distribution; direct marketing; brokers and other agents; organized produce exchanges and speculation; merchandising; and governmental regulations.

3 semester hours

COURSE DESCRIPTIONS

Bu 142 RETAIL DISTRIBUTION

This course is a consideration of the fundamental principles underlying the successful operation of retail stores. Not only is a retail establishment studied from the internal managerial point of view but also as an institution through which a manufacturer must operate. Among the important topics covered are: general merchandising policies, merchandise departmentization and classification; merchandise resources; buying policies and procedure; determination of retail prices and price lines, recent developments and current trends in retailing.

3 semester hours

Bu 143 MARKETING RESEARCH

Purposes achieved by market research and analysis agencies for carrying on the work; sources of information; problems of research and analysis; methods of carrying on research and of analyzing information obtained; proper presentation of results.

3 semester hours

Bu 144 MARKETING PROBLEMS

Various types of problems involved in the marketing process. Methods and policies of manufacturers, wholesalers, and retailers; choice of advertising media; selections of channels of distribution; other similar and allied subjects considered in detail.

3 semester hours

Bu 151 SALES MANAGEMENT

The development of a broad view of the important phases of sales administration, planning and execution is maintained throughout this course. Specific attention to the functions and structures of the sales organization and the proper correlation of these with the production and financial department; a study of the major problems of product planning and the planning of selling programs and selling campaigns as well as the study of sales territories and sales quotas and the control of sales operations.

3 semester hours

Bu 152 ADVERTISING

Advertising is considered from the point of view of its usefulness in the conduct of a business. Topics covered include advertising objectives, the place of advertising in the field of selling, strategy and campaign planning, development of the core idea, and selection of the proper appeal to be used. In addition to the above, the proper use of technique will be observed. This covers the study of different media and the use of psychology.

3 semester hours

Bu 162 BUSINESS STATISTICS

This course is designed to enable students to learn the statistical approach to economic problems, to engage in research, or assist in statistical work. The methods of collecting, presenting, analyzing and interpreting numerical data are studied, with practical application to concrete situations. The purpose, derivation, and construction of index numbers is explained; also simple correlation and time series analysis.

3 semester hours

Bu 171 CORPORATION FINANCE

See Economics 113.

3 semester hours

Bu 172 PRINCIPLES OF INVESTMENT

See Economics 114.

3 Semester hours

Chemistry

REV. GERALD F. HUTCHINSON, S.J., *Chairman*

Ch 11 GENERAL INORGANIC CHEMISTRY I

Fundamental laws of chemistry, atomic theory, periodic system, radioactivity, atomic structure, electron arrangement and valence, energy in chemical reactions. Oxygen, hydrogen, the liquid state and water; crystals. Fundamental laws of gases, the kinetic molecular theory, calculations of atomic and molecular weights. Calculations involving the above theories.

3 lecture, 1 laboratory period

4 semester hours

Ch 12 GENERAL INORGANIC CHEMISTRY II

This is a continuation of Chemistry 11. Reversible reactions, chemical equilibrium; sulfur and hydrogen sulfide, oxides and acids of sulfur. Properties of solutions, ionization in solution; electrovalent compounds, acids and bases, introduction to protolysis, halogens and their acids. The atmosphere; nitrogen, nitric acid and ammonia; oxidation and reduction; carbon and some of its compounds; electrochemistry, metallurgy of the more important metals.

3 lecture, 1 laboratory period

4 semester hours

Ch 15 GENERAL INORGANIC CHEMISTRY I

Similar to Chemistry 11, but intended for chemistry majors. Emphasis on mathematical approach. Laboratory work includes some anion analysis. Intended for chemistry majors.

3 lecture, 2 laboratory periods

5 semester hours

Ch 16 GENERAL INORGANIC CHEMISTRY II

Similar to Chemistry 12, but intended for chemistry majors. Laboratory work consists of cation qualitative analysis.

3 lecture, 2 laboratory periods

5 semester hours

Ch 21 QUALITATIVE INORGANIC ANALYSIS

The application of the principles of chemical equilibrium to the separation and identification of the commonly occurring cations and anions. The laws of solution, ionization and solubility. Laboratory work (semi-micro technique) emphasizes the analysis of cation solutions.

2 lecture, 2 laboratory periods

4 semester hours

Ch 22 QUANTITATIVE INORGANIC ANALYSIS

The theory and technique of quantitative analysis including neutralization, oxidation and reduction, volumetric precipitation and introduction to gravimetric methods; illustrated by problem work and by laboratory analysis of representative samples.

2 lecture, 2 laboratory periods

4 semester hours

COURSE DESCRIPTIONS

Ch 25 INORGANIC ANALYTICAL CHEMISTRY I

The essential principles and standard methods of quantitative volumetric analysis, including neutralization, oxidation-reduction and volumetric precipitation methods. The analytical relations involved are illustrated by problem work. The laboratory work aims at the acquisition of proper techniques for precise analytical work and mastery of typical methods of volumetric analysis. Intended for Chemistry Majors.

2 lecture, 3 laboratory periods

5 semester hours

Ch 26 INORGANIC ANALYTICAL CHEMISTRY II

The essential principles of gravimetric analysis including the analysis of alloys, silicates, and other salts, illustrated by appropriate laboratory analyses and problem work. The time of one laboratory period is used for a mathematical introduction to physical chemistry.

2 lecture, 3 laboratory periods

5 semester hours

Ch 81 GENERAL CHEMISTRY I

A terminal course intended for non-science majors; emphasizes the study of common elements, structure of matter, atomic energy, states of matter and chemistry of solutions; it includes historical, social and economic aspects.

3 lecture, 1 laboratory period

4 semester hours

Ch 82 GENERAL CHEMISTRY II

A continuation of Chemistry 81, including a survey of the chemical industries, of organic chemistry, and of biological chemistry.

3 lecture, 1 laboratory period

4 semester hours

Ch 111 ORGANIC CHEMISTRY I

This course, intended for chemistry and biology majors, is an introduction to organic chemistry with emphasis on structure, isomerism, nomenclature, functional groups, synthesis of aliphatic compounds, and reaction mechanisms. The laboratory work emphasizes organic techniques, determination of physical constants, and typical syntheses. Some attention is given to qualitative organic analysis.

3 lecture, 2 laboratory periods

5 semester hours

Ch 112 ORGANIC CHEMISTRY II

The course is a continuation of the above, emphasizing carbohydrates, aminoacids and proteins, theoretical and practical aspects of aromatic chemistry, aryl derivatives of aliphatic compounds, alicyclic compounds including natural products, and heterocyclic compounds. Biologically active substances such as natural and synthetic drugs, hormones, and vitamins are considered.

3 lecture, 2 laboratory periods

5 semester hours

Ch 121 QUALITATIVE ORGANIC ANALYSIS

The study of the systematic classification, separation and identification of organic compounds. Both simple compounds and mixture are analyzed. The ability to make correct deductions and originality in planning are emphasized.

1 lecture, 2 laboratory periods

3 semester hours

FAIRFIELD UNIVERSITY

Ch 126 INSTRUMENTAL METHODS OF ANALYSIS

The purpose of this course is to acquaint the student both in theory and practice, with some of the common instruments found today in industrial laboratories. It will include discussion and use of scintillation counters, spectrograph, spectrophotometer, electrophotometer and polarograph. It will also include, electrodeposition methods and conductometric and potentiometric titrations. Intended for Chemistry Majors.

3 lecture, 1 laboratory period

4 semester hours

Ch 132 BIOCHEMISTRY

A detailed study of proteins, fats and carbohydrates, and the normal metabolism of these substances. The composition and function of body fluids. Analysis and study of milk, blood and urine.

3 lecture, 1 laboratory period

4 semester hours

Ch 141 ADVANCED INORGANIC CHEMISTRY

This course, intended for senior chemistry Majors, will consist in a thorough study of the chemical elements and compounds according to periodic classification. Atomic structure will be treated in detail in the beginning as a basis for the study of properties and compound formation. Such topics as coordination, chelation catalysis, acid-base theories, and non-aqueous solutions will be treated.

3 Semester hours

Ch 161 PHYSICAL CHEMISTRY I

A study of physical chemistry including the first and second laws of thermodynamics, states of matter, thermo-chemistry of solutions and chemical equilibrium. Characteristic experiments are used in the laboratory work.

3 lecture, 1 laboratory period

4 semester hours

Ch 162 PHYSICAL CHEMISTRY II

A continuation of Chemistry 161, theory and practice. Chemical kinetics, electro-chemistry thermodynamics, atomic and molecular theory and the quantum theory.

3 lecture, 1 laboratory period

4 semester hours

Ch 163 ADVANCED PHYSICAL CHEMISTRY

A further study of the theory of chemistry with emphasis on several main topics—such as chemical thermodynamics, statistical mechanics, structure of matter and chemical kinetics—at the discretion of the instructor to meet the needs of the class.

2 lecture, 1 laboratory period

3 semester hours

Ch 172 INDUSTRIAL CHEMISTRY

This course is designed to acquaint the student with the approach taken in industrial chemistry and with certain important industrial processes. A study of polymers, their structure, theory and methods of formation, physical properties and applications. Plant visits are made.

3 Semester hours

Economics

REV. WILLIAM H. HOHMANN, S.J., *Chairman*

Ec 11 PRINCIPLES OF ECONOMICS I

A course designed to familiarize the student with basic economic principles. After examining the meaning of economics and its relation to ethics, the student successfully studies the fields of production, forms of business enterprise, price formation under the various market situations, monopoly and competition, functional and personal distribution of income. The methods of economic analysis are studied systematically and critically.

3 Semester hours

Ec 12 PRINCIPLES OF ECONOMICS II

Economic institutions and problems are treated in the following order: money and banking; business cycles; national income and full employment; public finance and fiscal policy; labor organization and social security; international trade; government regulation of utilities; agriculture; and comparative economic systems in the light of Catholic social principles.

3 Semester hours

Ec 104 ECONOMIC INTERMEDIATE ANALYSIS

Prices and the allocation of resources; the monetary process; management and control of economic resources; government finance, national income.

3 Semester hours

Ec 106 COMPETITION, COMBINATION AND CONTROL

The applied theory of markets; the concentration of economic power, forms of market control, and types of pricing policies; the modern corporation, its origin, development and power; the problem of the desirability and the social responsibility of "Big Business".

3 semester hours

Ec 111 MONEY AND BANKING

A survey of the history and organization of the money and banking system of the United States; a study of bank capital, deposits, loans and investments; the reserve problem, bank credit expansion and clearing; the structure of the money market; analysis of the instruments of credit control. Contemporary banking institutions are studied both in their technical aspects and in the light of their relationship to the whole economy.

3 semester hours

Ec 113 CORPORATION FINANCE

A study of the acquisition and administration of the funds of a modern business enterprise. An analysis of the problems involved in procuring permanent capital, choosing a capital structure, administering working capital, as well as such special problems as evaluation, consolidation, or recapitalization and reorganization.

3 semester hours

FAIRFIELD UNIVERSITY

Ec 114 PRINCIPLES OF INVESTMENT

The purpose of the course is to explain the various types of securities; to discuss the recognized tests of safety, yield and marketability; to show the necessity for caution with regard to diversification and management of a fund. Attention is given to analysis and interpretation of financial statements. Practical problems illustrate the principles developed.

3 semester hours

Ec 124 LABOR ECONOMICS

A study of the economics of employment and compensation; the relation of the employer and employee, the wage contract, an analysis of the economic and institutional factors determining the wage rate.

3 semester hours

Ec 141 GOVERNMENT AND BUSINESS

The philosophical basis of government-business relationships is studied, after which the major economic responsibilities assumed by the United States government in recent years are analyzed in detail; in business, agriculture, labor, transportation, electrical utilities, communications, trade practices, anti-trust legislation, investment regulations and public corporations.

3 semester hours

Ec 171 ECONOMIC HISTORY OF EUROPE AND AMERICA I

Prefaced by an analysis of the relation between economics and history, this course presents a comparison of the Roman imperial economy with Carolingian Europe; the feudal system; the guild system; a comparison of medieval economic principles with capitalism the commercial revolution; the industrial revolution; colonial, development, growth of the American economy; agriculture, industry, banking, transportation, sectional conflict.

3 semester hours

Ec 172 ECONOMIC HISTORY OF EUROPE AND AMERICA II

The problems of the American economy from post-Civil War times to the present. Agrarian unrest; organization of labor; industrial concentration and antitrust policy; economic imperialism; monetary, banking, and investment developments; the economy in wartime and post-war reactions; social legislation related to economic instability; international economic problems.

3 semester hours

Ec 181-182 GENERAL ACCOUNTING

A course for students majoring in the Social Sciences emphasizes the basic accounting principles, construction and analysis of financial statements, formation, operation, dissolution and liquidation of partnerships and corporations, fire loss, receivership, liquidation reports, and accounting for estates and trusts.

3 hours weekly for one year

6 semester hours

Education

REV. JAMES H. COUGHLIN, S.J., *Chairman*

Ed 13 HISTORY AND PRINCIPLES OF EDUCATION

An analysis of the development of currently accepted principles of education in the light of their unfoldment in the aims, curricula, methodology, organization, and administration, in significant systems of education during ancient, medieval, and more recent times, including the American public school system. The works of outstanding educators for periods studied will be considered, and their contributions to modern education evaluated. Provision will be made for comparative studies in each phase and period, with emphasis on influences upon present tendencies.

3 semester hours

Ed 121 PHILOSOPHY OF EDUCATION

This course will study the sources of educational theories, both natural and supernatural. The educative process is resolved to its basic philosophy. Factors of aim, child nature and development, the means and agencies of educating are evaluated in the light of fundamental objectives. The role of religious and social environment, the family, Church and State is established in principle. The physical, intellectual, moral and religious elements of individual formation are given proportionate evaluation in the domestic and civic phases of education.

3 semester hours

Ed 132 TESTS AND MEASUREMENTS

This course will consider the nature of measurement as such, the need for objectivity; apply these to the organization and reasonable uses of Intelligence, Achievement, Diagnostic, Prognostic, Aptitude and Practice Tests. The basic statistics involving the derivation and understanding of the Norm, Variability, Correlation as well as the fundamentals of graphic presentation will be included.

3 semester hours

Ed 141 EDUCATIONAL PSYCHOLOGY

A particular application of the more important psychological principles to educational theory and practice. This course embraces a systematic study of the educable being, the soul and body relationship, the place of instincts in development, habit formation, phases of learning, intellectual and emotional growth, and character formation. Individual differences, transfer of training, interest, attention, and motivation, insofar as they influence the teaching process, will be included.

3 semester hours

Ed 145 PSYCHOLOGY OF ADOLESCENCE

This course is a study of behavior arising from the problems peculiar to the period between childhood and maturity. These problems include the physical, mental, emotional, social and vocational adjustments of the adolescent. It also provides a comprehensive survey of adolescence in relationship to home, school, church and the social forces of contemporary life.

3 semester hours

FAIRFIELD UNIVERSITY

Ed 151 PRINCIPLES OF GUIDANCE

Consideration of the nature of Guidance with particular reference to the Secondary school. The course will include principles of personal, scholastic and vocational direction. Techniques and organization of a guidance program in a school, relationship of the class-teacher, and a study of contributing agencies that will enhance the work will be considered.

3 semester hours

Ed 163 METHODS OF TEACHING IN SECONDARY SCHOOLS

Application of the principles of education in the work of classroom instruction in the secondary school. General objectives of secondary education and the objectives particular to each subject. General teaching requirements of preparation, the art of questioning, assignments, examinations, records, diagnosis and remedial treatment will be studied. The several types of teaching such as inductive, deductive, drill, review, appreciation will be taken up in connection with the most appropriate subject.

3 semester hours

Ed 181 DIRECTED OBSERVATION AND SUPERVISED PRACTICE TEACHING I

An internship course for students who have been approved by the University authorities as potential teachers in secondary schools. Classroom observation will illustrate the theory seen in methods classes. Class organization and management, curriculum division, technical teaching devices and the manifold relationships of the teacher with the student will be noted under direction. Individual and group conferences with the Director of Teacher Training.

2 semester hours

Ed 182 SUPERVISED PRACTICE TEACHING II

A continuation, for students who have satisfactorily completed Education 181. It will consist of active participation in school life with emphasis on the actual conduct of classes. Lesson planning and execution under the combined supervision of the classroom teacher and the Director of Teacher Training; individual and group conferences on techniques of teaching, classroom management, evaluation, and individual and group diagnostic and remedial devices.

4 semester hours

English

REV. JOHN W. RYAN, S.J., *Chairman*

En 0 REMEDIAL

A review of English fundamentals. Obligatory for any student recommended by the Faculty.

No credit

COURSE DESCRIPTIONS

En 11 COMPOSITION AND APPRECIATION OF LITERATURE

The aim of this course is two-fold: to teach correctness, clarity and effectiveness in writing through the reading and analysis of selected essays and short stories and more especially through the student's own efforts in frequent compositions; and to teach the principles of literary criticism and appreciation with special emphasis on the essay, short story and other forms of prose composition. This course is required of all freshmen.

3 semester hours

En 12 APPRECIATION OF POETRY I

The aim of this course is to teach the understanding and appreciation of poetry and to stimulate the imagination of the student through extensive readings in the various genres of poetry; the composition of critical papers, classroom discussions and some efforts at poetic composition. This is a continuation of En 11 and is required of all freshmen.

3 semester hours

En 21 PRINCIPLES AND PRACTICE OF RHETORIC

The aim of this course is to further in the student his appreciation of English prose writings and the development of his own prose style. Special emphasis is given to the theory and practice of Oratory and Public Speaking. An 18th Century Novel will also be selected by the Professor for analysis and stylistic study. This course is required of all sophomores.

2 semester hours

En 22 APPRECIATION OF POETRY II

The aim of this course will be to further the students' appreciation of literature with special emphasis on the Epic and the Drama. Milton's *Paradise Lost* will be studied for its poetic and rhetorical power, and Shakespeare's more rhetorical plays will be studied and analyzed in class. Throughout the course frequent exercises in composition and Public Speaking will seek to further the student's mastery of effective communication. This course is a continuation of En 21 and is required of all sophomores.

2 semester hours

En 23 MASTERPIECES OF WORLD LITERATURE I

A study of selected masterpieces of Western World Literature from Homer to Shakespeare.

1 semester hour

En 24 MASTERPIECES OF WORLD LITERATURE II

A study of selected masterpieces of Western World Literature from Shakespeare to T. S. Eliot. (En 23 and En 24 are obligatory for all sophomores and are conducted by the Chairman of the English Department assisted by the University Faculty.)

1 semester hour

En 101-2 AN ADVANCED STUDY OF SELECTED ENGLISH WRITERS

This is an upper-division course required of all English Majors.

3 classes a week for one year

6 semester hours

FAIRFIELD UNIVERSITY

En 111 SHAKESPEAREAN TRAGEDY

The development of Aristotelian critical theory as applied to Shakespeare; the internal intent of his tragedies for identification and classification; testing for conceptual and psychological values; artistic adaptation of sources. Coriolanus, Julius Caesar, and Macbeth; Othello, Lear, and Hamlet.

3 semester hours

En 112 MODERN DRAMA

The development of modern drama as objective form; relationship with the contemporary state; integral symbolization and techniques to convey subjective responses, as illustrated in Chekov, Ibsen, Molnar, Maeterlinck, Wilde, Galsworthy, Shaw, O'Casey, O'Neill, Barry, Coward and Anderson.

3 semester hours

En 121 CHAUCER

An introductory course to Chaucer and the Canterbury Tales, with readings in the pronunciation of Middle English, commentaries on medieval life and customs, and special emphasis on the poetic and dramatic qualities of the Canterbury Tales. Not a survey course, but a solid introduction to Chaucer as a literary stylist.

3 semester hours

En 131 17TH CENTURY POETRY

An intensive study of the work of John Donne; the earlier Cavaliers: Thomas Carew, Sir John Suckling, Richard Lovelace, and Robert Herrick; the Religious Poets: George Herbert, Richard Crashaw, and Henry Vaughan; Andrew Marvell, John Milton, John Dryden, Samuel Butler. The prose of John Dryden, John Bunyan, and Samuel Pepys, within the framework of the 17th century background.

3 semester hours

En 142 ENGLISH LITERATURE OF THE 18TH CENTURY

The chief works of Dryden, Addison, Pope, Swift, Johnson, and others.

3 semester hours

En 152 19TH CENTURY ROMANTIC POETRY

A detailed analysis of the works of the major Romantic poets: Wordsworth, Coleridge, Byron, Shelley, Keats, and Scott. Blake is also considered, as a forerunner of the Romantic movement.

3 semester hours

En 171 STUDIES IN AMERICAN LITERATURE I

The study of the main current of American literary thought and of the major writers from the Colonial Period to the Civil War.

3 semester hours

En 172 STUDIES IN AMERICAN LITERATURE II

Study of the major writers, movements and influences in American Literature from the Civil War to the present.

3 semester hours

COURSE DESCRIPTIONS

En 191 LITERARY CRITICISM

The elements of literary criticism and judgments with a study of the development of literary criticism and its application to specific works.

3 semester hours

French

REV. VICTOR F. LEEBER, S.J., *Chairman*

Fr 11-12 ELEMENTARY FRENCH

This course is intended to impart the ability to understand, speak and write simple everyday French. A precise pronunciation and idiomatic speech patterns in current use are acquired by means of the oral-aural method in classroom drill and in phonetics laboratory exercises. Stories of literary significance are also read and discussed.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Fr 21-22 INTERMEDIATE FRENCH

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in class and in the language laboratory. Literary excerpts are assigned for accurate translation and rhetorical analysis, and an increasing emphasis is placed upon extensive reading for comprehension. Selections are presented not only for their literary value and interest, but also as an introduction to the appreciation of French Literature and civilization.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Fr 31-32 ADVANCED FRENCH

The aim of this course is to increase the student's reading ability and to acquaint him with a large variety of literary types. These include many of the masterpieces of French Literature which are concerned with a study of human nature and with significant and enduring values of life. A large stock of idiomatic vocabulary is gradually acquired for rapid and accurate reading. Composition work and conversation are based upon literary topics.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Fr 101-102 FRENCH LITERATURE FROM ORIGINS TO END OF XVIII CENTURY

A survey course, presenting a general view of French Literature from *Les Chansons de Geste*s to the end of the Eighteenth Century. Emphasis is placed on the more important writers, major literary periods and the influences on and of French Literature.

Prerequisite: French 31-32

3 periods per week for 2 semesters

6 semester hours

FAIRFIELD UNIVERSITY

Fr 103-104 FRENCH LITERATURE OF THE NINETEENTH AND TWENTIETH CENTURIES

A continuation of the Survey Course initiated in Fr. 101-102 but with reference to the last two centuries of French Literature.

Prerequisite: French 31-32

3 periods per week for 2 semesters

6 semester hours

Fr 131-132 SEVENTEENTH CENTURY FRENCH LITERATURE

In this course the masterpieces of the great French writers of the XVII Century are read and discussed along with a study of the political, social, literary and religious trends of that century as a background. Special attention is given the works of Corneille, Racine, Pascal, Molière, LaFontaine, Fénelon, Boussuet, La Bruyère and LaRochefoucauld, etc.

Prerequisite: French 31-32

3 periods per week for 2 semesters

6 semester hours

Fr 181 FRENCH PHONETICS AND CONVERSATION

A course intended to assure fluent and accurate use of the spoken language. Correct pronunciation reviewed and drilled through phonetic transcriptions and the imitation of recorded artists.

Prerequisite: French 31-32

3 periods per week

3 semester hours

Fr 182 FRENCH STYLISTS AND ADVANCED COMPOSITION

A course intended to assure proficiency in the written language. Model passages from the great writers studied, analyzed and imitated with a view toward developing the student's own accurate and precise style.

Prerequisite: French 31-32

3 periods per week

3 semester hours

Fr 191 FRENCH CIVILIZATION AND CULTURE

The main currents of French civilization presented by means of lectures and student participation in written and oral reports. The geography, history, literature and fine arts of France scanned and studied as basic elements for class discussions.

Prerequisite: French 31-32

3 periods per week

3 semester hours

German

REV. VICTOR F. LEEBER, S.J., *Chairman*

Gm 11-12 ELEMENTARY GERMAN

This course is intended to impart the ability to understand, speak and write simple everyday German. A precise pronunciation and idiomatic speech patterns in current use are acquired by means of the oral-aural method in classroom drill and in the language laboratory. Stories of literary significance are read and discussed.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

COURSE DESCRIPTIONS

Gm 21-22 INTERMEDIATE GERMAN

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in class and in the language laboratory. Literary excerpts are assigned for accurate translation and rhetorical analysis, and an increasing emphasis is placed upon extensive reading for comprehension. Selections are presented not only for their literary value and interest, but also as an introduction to the appreciation of German Literature and civilization.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Gm 23-24 INTERMEDIATE SCIENTIFIC GERMAN

A thorough review of German grammar and composition. Simple and intermediate texts from the physical science. Selection of texts and material related to the student's science major.

3 periods per week for 2 semesters 6 semester hours

Gm 31-32 ADVANCED GERMAN

The aim of this course is to increase the student's reading ability and to acquaint him with a large variety of literary types. These include many of the masterpieces of German Literature which are concerned with a study of human nature and with significant and enduring values of life. A large stock of idiomatic vocabulary is gradually acquired for rapid and accurate reading. Composition work and conversation are based upon literary topics.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Gm 121 GERMAN DRAMA

A survey of the development of the German drama, especially that of the Nineteenth Century. Reading from Tieck, Werner, Kleist, Grillparzer, Hebbel, Hauptmann. Lectures, reports, discussions.

Prerequisite: German 31-32

3 periods per week 3 semester hours

Gm 132 THE GERMAN ROMANTIC MOVEMENT

The rise of the Romantic Movement from the Sturm und Drang period of German literature, its development during the 19th Century, and its reappearance in later German literature. Lectures, readings, reports and discussions.

Prerequisite: German 31-32 *3 semester hours*

Gm 171 MODERN GERMAN LITERATURE

A study of the outstanding authors and literary movements since 1890. Reading and discussion of plays, fiction and poetry of Hauptmann, Schnitzler, Thomas Mann, Werfel, Rilke, Georg.

Prerequisite: German 31-32 *3 semester hours*

Gm 181 GERMAN PHONETICS AND CONVERSATION

A course intended to assure fluent and accurate use of the spoken language. Correct pronunciation reviewed and drilled through phonetic transcriptions and the imitation of recorded artists.

Prerequisite: German 31-32 *3 semester hours*

FAIRFIELD UNIVERSITY

Gm 182 GERMAN STYLISTS AND ADVANCED COMPOSITION

A course intended to assure proficiency in the written language. Model passages from the great writers studied, analyzed and imitated with a view to developing the student's own precise style.

Prerequisite: German 31-32

3 semester hours

Gm 191 GERMAN CIVILIZATION AND CULTURE

A study of the geography of Germany, her political and social history, her philosophy and fine arts.

3 semester hours

Government

REV. FRANCIS A. SMALL, S.J., *Chairman*

Go 11 THE GOVERNMENT OF THE UNITED STATES I

An introduction to the government of the United States. Colonial government. Declaration of Independence and Articles of Confederation. Framing and adopting the Constitution. Principles of the Constitution; its processes of amendment; the Bill of Rights. The federal system, centralization and interstate relations. Immigration, aliens and citizenship. Public opinion and pressure groups. The electoral system: parties, nominations and elections.

3 semester hours

Go 12 THE GOVERNMENT OF THE UNITED STATES II

A continuation of the study of the government of the United States. The federal government: the legislature, executive and judiciary; specifically federal powers. State governments: constitutions and powers; the legislature, executive and judiciary. Local government: counties, cities, and smaller units. State and local finance. Law enforcement in state and local governments. Selected state and local functions and problems.

3 semester hours

Go 111 WESTERN POLITICAL THOUGHT I

Political theory from Plato to Locke. Plato, Aristotle and the Epicureans. The Stoics and the law of nature. Early Christian political ideas: Ambrose; Augustine and Gregory. The Roman lawyers. Church and state in the feudal regime: Aquinas and Dante. The conciliar theory, Machiavelli and the Reformers. English political theory in the seventeenth century: Hooker, Coke and Hobbes.

3 semester hours

Go 112 WESTERN POLITICAL THOUGHT II

Political theory from Locke to the present. Locke and the "Glorious Revolution." French political thought and the Revolution: Montesquieu, Voltaire and Rousseau. Hume and his destruction of the natural law; Burke and tradition. Hegel and his dialectic: liberalism; utilitarianism: Mill and a modernized liberalism. Marx and dialectical materialism. Modern communism, fascism and socialism.

3 semester hours

COURSE DESCRIPTIONS

Go 121 MODERN FOREIGN GOVERNMENTS I

A comparative study of the basic political ideas and institutions of the major foreign powers. Great Britain: nature of the British constitution; the legislative process; the ministries; judicial organization; local government. The British Commonwealth of Nations. France: political heritage; the legislature and the executive; national administration; the judicial system; the electoral system. Imperial policy.

3 semester hours

Go 122 MODERN FOREIGN GOVERNMENTS II

A continuation of the comparative study of the major foreign powers. The Soviet Union; political heritage; the communist party; nature of the soviets; the executive and national administration; the law and the courts; foreign policy. China: the people and politics; the new constitution; legal and judicial organization; national administration; Sino-Soviet relations; foreign policy.

3 semester hours

Go 131 AMERICAN CONSTITUTIONAL LAW I

The structure of the federal court system, fundamental law and the judicial functions: *Marbury vs. Madison*, *Luther vs. Borden*. The three branches of government: *Muskrat vs. U.S.*, *McGrain vs. Daugherty*. Intergovernmental relations. *McCulloch vs. Maryland*, *in re Neagle*, *Missouri vs. Holland*, *Erie Railroad vs. Tompkins*.

3 semester hours

Go 132 AMERICAN CONSTITUTIONAL LAW II

Powers of the national government: *Gibbons vs. Ogden*, *NLRB vs. Jones*, and *Laughlin Steel Corporation, U.S. vs. Darby*, *White vs. Steer*. Constitutional limitations: *Slaughter House Cases*, *Lochner vs. New York*, *Norris vs. Alabama*. Citizenship and suffrage: *U.S. vs. Classic*, *Smith vs. Allwright*.

3 semester hours

Go 135 CONSTITUTIONAL HISTORY OF THE U. S. TO 1865

The evolution of the Constitution of the United States; the colonial origins; *Chisholm vs. Georgia*; the landmarks in the growth of the American constitutional system; *Marbury vs. Madison*; *Brown vs. Maryland*; *Martin vs. Mott*; the *Dartmouth College case*; *Luther vs. Borden*; *Charles River Bridge vs. Warren Bridge*; *Cooley vs. Board of Wardens of the Port of Philadelphia*.

3 semester hours

Go 136 CONSTITUTIONAL HISTORY OF THE U. S. SINCE 1865

A continuation of Government 135; the *Slaughterhouse case*; the vast expansion of federal legislative power; the constitutional law of civil liberty; *ex parte Milligan*; *in re Neagle*; *Missouri vs. Holland*; *McGrain vs. Daugherty*; *Brown vs. Board of Education*; *West Coast Hotel Company vs. Parrish*; *Everson vs. Board of Education*.

3 semester hours

Go 141 PROBLEMS OF COMMUNISM

An examination of several problem areas of Russian Soviet Communism; the materialist metaphysic from Heraclitus to Hegel; Marxist-Leninist-Stalinist ideology; the organization of the government and the party; economic and geographic factors bearing on policy formation; a consideration of Soviet cultural life. Directed reading. Classes will consist of discussion and lecture.

3 semester hours

FAIRFIELD UNIVERSITY

Go 142 PROBLEMS OF THE SOVIET ORBIT

Problems of the satellite countries, economic integration, ideological conflicts; Geopolitical considerations and Foreign Policy; Leninist-Stalinist tactics, "Two steps forward, one back", "Socialism in one country" (at a time); The Communist penetration of South East Asia, India-Pakistan, the Levant; The European Communist Movement; The Communist party in the Americas.

3 semester hours

Go 147 INTERNATIONAL RELATIONS I

Introductory survey of the principles, problems and practices of international politics. The nation-state system. Factors involved in promoting international conflict or cooperation: geographic, demographic, strategic, and economic.

3 semester hours

Go 148 INTERNATIONAL RELATIONS II

A continuation of the above survey with emphasis on the causes and consequences of World War II, post-war Communist expansion, the "cold" war, the United Nations and the Korean conflict.

3 semester hours

Go 151 GOVERNMENT AND BUSINESS

See Economics 141.

3 semester hours

Go 155 PUBLIC ADMINISTRATION I

Public personnel management in the United States. The art of administration. Organization and procedures. Administrative hardship and responsibility. Planning for efficiency in national, state, and local administration.

3 semester hours

Go 156 PUBLIC ADMINISTRATION II

Government career service. Administrative powers. Problems and methods of recruitment: examination, training, promotion, and discipline. Factors of morale and prestige.

3 semester hours

Go 171 THE CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND I

The evolution of the English constitution and laws through successive ages. The Anglo-Saxon age, the Norman conquest and its sequel, centralization and the introduction of law, Magna Carta, gradual growth of the constitution and of the common law; origin and growth of Parliament, development of constitutional government, the Tudor strong monarchy.

3 semester hours

Go 172 THE CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND II

Struggle of Parliament with the King, Parliament's victory and its consolidation, the making of the cabinet and its expanding authority; the evolution of democracy; the first World War, the Irish Free State, post-war period; expanding administration up to the second World War.

3 semester hours

Greek

REV. JOSEPH M. MANNING, S.J., *Chairman*

Gr 11 ELEMENTARY HOMERIC GREEK I

Introductory lectures on the history of the Greek language and on the importance of our Greek heritage. Intensive study of Homeric grammar; readings in the *Odyssey*; the Homeric question.

3 semester hours

Gr 12 ELEMENTARY HOMERIC GREEK II

Readings in the *Odyssey* and *Iliad*; discussion of the style of Homer. The epic in world literature. Discussion of the theology of the *Odyssey* and *Iliad*.

3 semester hours

Gr 21 GREEK PROSE I

Introductory lectures on the formation and importance of Attic Greek. Intensive study of the Attic grammar. Composition work emphasizing the transition from Homeric Greek. The *First Olynthiac* and *First Philippic* of Demosthenes. Introduction to the *koine* Greek of the New Testament.

3 semester hours

Gr 22 GREEK PROSE II

Readings in the *koine* Greek of the New Testament. The *Homily* on *Eutropius* of St. John Chrysostom. The *Apology* and *Crito* of Plato; discussion of Plato's position in world thought.

3 semester hours

Gr 23 GREEK DRAMATIC POETRY I

A study of the spirit and structure of Greek Tragedy. The *Prometheus Bound* of Aeschylus, the style and theology of Aeschylus; the *Alcestis* of Euripides, the rationalism of Euripides, his influence on the history of drama.

3 semester hours

Gr 24 GREEK DRAMATIC POETRY II

The *Oedipus Tyrannus* of Sophocles; structural and character analysis. Careful comparison of Aeschylus, Sophocles, Euripides from the standpoint of character portrayal and dramatic art.

3 semester hours

Gr 121 GREEK HISTORIANS

Origin and development of the historical *genre* among the Greeks. Extensive reading in the works of Herodotus and Thucydides, discussion of their value as historians, their subsequent influence.

3 semester hours

Gr 182 CHRISTIAN GREEK LITERATURE

The origin and development of a Christian Greek Literature. Copious readings from the *Homilies* of Saint John Chrysostom, the *Epistles* of Saint Basil, and from other writings of the Patristic Age; discussion of their literary worth.

3 semester hours

History

REV. FRANCIS A. SMALL, S.J., *Chairman*

Hi 15 WESTERN CIVILIZATION I

This course is a survey of the capital ideas, events and personages of European civilization and politics from the beginning of Christianity to the inception of the Protestant Revolt. Special attention is paid to those ideas and institutions which formed and framed the political and social structure of Medieval Europe.

3 semester hours

Hi 16 WESTERN CIVILIZATION II

This is a continuation of History 15 and is a survey of the chief factors in the evolution of western Europe political and cultural institutions from the inception of the Protestant Revolt to the close of World War II. Special emphasis is placed on those perduring elements of the past which have molded our present-day world.

3 semester hours

Hi 45 CONTEMPORARY SOCIETY I

An analysis of current national and international problems and institutions in their political, economic and social settings.

3 semester hours

Hi 46 CONTEMPORARY SOCIETY II

A continuation of the study of contemporary problems in national and international affairs.

3 semester hours

Hi 51 AMERICAN HISTORY I

History 51-52 complements History 15-16. It is a survey of the United States and treats the Age of Discovery; the founding of the English Colonies; the colonial subsoil of the American Nation; the competition for the New World; the awakening of American consciousness; the problems of empire and the failure to solve them; the Revolution, the Constitution; Federalism versus anti-Federalism; the Era of Good-Feeling; Jacksonian Democracy; the problem of sectional differences; the Civil War.

3 semester hours

Hi 52 AMERICAN HISTORY II

A continuation of History 51. The problem of Reconstruction; Grantism; the Populist Revolt; Imperialism and its aftermath; New Nationalism and New Freedom; World War I; the Twenties and the Depression; the New Deal; World War II; Truman and the Cold War; Korea; the age of the atom and sputnik.

3 semester hours

Hi 81 WESTERN CIVILIZATION I

This course is an adaptation of History 15 for upper division students.

3 semester hours

Hi 82 WESTERN CIVILIZATION II

An adaptation of History 16 for upper division students.

3 semester hours

COURSE DESCRIPTIONS

Hi 119 THE RENAISSANCE

The new secularism and the crises in Church and religious life; decline of medieval culture. The Medici, Papacy and the Renaissance. The new humanism; changing styles in sculpture, architecture and painting. The expansion of the Renaissance: France, England and Germany.

3 semester hours

Hi 122 THE REFORMATION

A study of the religious revolutions from the beginnings to 1648. Genesis of Luther's ideas; expansion and triumph of Lutheranism in Germany and Scandinavia. John Calvin and the Reformation in Switzerland, France and Scotland. The Anglican Revolt; the Catholic Reformation; the Thirty Years' War and its consequences.

3 semester hours

Hi 131 THE CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND I

See Government 171.

3 semester hours

Hi 132 THE CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND II

See Government 172.

3 semester hours

Hi 141 EUROPE AND ASIA SINCE 1914 I

A critical examination of the origin, course, and results of World War I; the complex questions of the Twenty Years' Armistice, 1919-1939: the search for security, reparations, debts, and depression; national developments during the period 1919-1939 in Germany, Great Britain, France and Italy.

3 semester hours

Hi 142 EUROPE AND ASIA SINCE 1914 II

A continuation of the study of national developments during the period 1919-1939: Spain, Austria, Slavic Republics, Soviet Union and the Far East. A study of the Second World War and its uneasy aftermath: the German Blitzkrieg, global warfare, Allied victory, peacemaking, the "cold" war, and the search for peace.

3 semester hours

Hi 151 AMERICAN COLONIAL HISTORY

America in the expansion of Europe, age of exploration, international aspects of the "age of discovery;" beginnings of the British Empire in America, England's colonial policy, breaking of rebellious New England; British Imperial System, colonial constitutions; expansion of the colonial economy, American Colonies in international relations; growth of the Provinces in the 18th Century; mind of provincial America; French and Indian Wars; break-up of an empire and birth of a nation.

3 semester hours

Hi 152 THE AMERICAN REVOLUTION TO 1865

From colony to commonwealth, new state constitutions, confederations, Northwest Ordinances, foreign affairs; failure of the Confederation, Constitution; difficulties of the new government, party policies, Jeffersonian democracy, struggle to maintain neutrality; War of 1812; "era of good feeling," rise of the new West, sectional differences, Andrew Jackson; awakening of the American mind, cotton kingdom; slavery and abolition, Compromise of 1850; Kansas-Nebraska Act, Secession, Civil War.

3 semester hours

FAIRFIELD UNIVERSITY

Hi 153 AMERICAN HISTORY 1865-1900

An age of hate; the Era of Reconstruction; Grantism; emergence of the New South; Garfield and Arthur; the protective tariff; settling the continent; the problem of the railroads; the new industrialism; the organized workers; the revolt of the farmers; greenbackism; the election of 1896; Republicanism triumphant; the Spanish-American War.

3 semester hours

Hi 154 AMERICAN HISTORY 1900 TO THE PRESENT

A world theatre; Philippines, Puerto Rico, Cuba; the victory of reform; dollar diplomacy; Roosevelt and Taft; Wilson and World War I; the Federal Reserve System; the "Incredible Era"; Harding and Teapot Dome; Prohibition; the Depression; Roosevelt and the New Deal; Pearl Harbor and World War II; post-war problems.

3 semester hours

Hi 157 DIPLOMATIC HISTORY OF THE UNITED STATES

Survey of American diplomacy from 1776 to 1865. Origins and consequences of Isolationism, Monroe Doctrine, and Manifest Destiny. Diplomacy revolving about the Revolutionary War, the War of 1812, and the Mexican War, and the Civil War.

3 semester hours

Hi 158 DIPLOMATIC HISTORY OF THE UNITED STATES

Survey of American diplomacy from the Civil War to the Cold War. U.S. involvements in the Spanish-American War, World Wars I and II, and the Korean War. Territorial expansion and rise of U.S. to world power. Pan Americanism, Dollar Diplomacy, Open Door Policy, Marshall Plan, Truman Doctrine, and Eisenhower Doctrine. U.S. vs. U.S.S.R. in economic rivalry and scientific military developments. U.S. relations with U.N., O.A.S., N.A.T.O., S.E.A.T.O., M.E.T.O., and A.N.Z.U.S. Public opinion and foreign affairs.

3 semester hours

Hi 161 SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES TO THE CIVIL WAR

This course embraces the wealth of human thought and experience to 1865; the revolutionary changes in religious, political and social concepts. The significance of an agricultural society; the revolution in industry and transportation; humanitarian reform, newspapers and magazines; the clash of interests and ideals.

3 semester hours

Hi 162 SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES CONTINUED TO THE PRESENT

A continuation of Hi 161. The triumph of the businessman; high finance and the railroads; commercial agriculture; the literature of rural protest; problems of the city; Darwinism and the Higher Criticism; the rise of pragmatism; the strange case of Harry Adams; popular literature, the noble experiment; the challenge of the atom.

3 semester hours

Hi 163 HISTORY OF LATIN AMERICA I

A comprehensive study of the culture, economics, politics, revolutions and wars of the Latin American republics. The geography; the Indians; the colonial period; religious influences; the wars for independence; Bolivar; constitutional developments; early relations with the U.S. and other powers.

3 semester hours

COURSE DESCRIPTIONS

Hi 164 HISTORY OF LATIN AMERICA II

Modern Latin America. The Atlantic republics; the Pacific republics; Caribbean area; Central America; dictatorships; InterAmerican affairs; Monroe Doctrine and its applications; Pan-American conferences; organization of American States.

3 semester hours

Hi 181 THE MODERN FAR EAST, 1800 TO THE PRESENT

Ethnic and geographical factors in Eastern Asia; east meets west in the political, social, economic and intellectual spheres. China in ferment; the industrialization and modernization of Japan. World War I, the development of nationalism. The Chinese revolution, Japanese imperialism. World War II and its aftermath, the Korean War.

3 semester hours

Hi 182 RUSSIA, 1800 TO THE PRESENT

The land and its peoples. Alexander I: Holy Alliance and Concert of Europe. The reactionary triumph. The period of reform (1855-1874). Industrialism, socialism and liberalism. Russia moves eastward; the Russo-Japanese war. Agitation, war and revolution (1905-1917). Lenin and communist rule. Stalin vs. Trotsky, Stalin's Russia; economic reorganization; imperialism; World War II; the "cold" war.

3 semester hours

Hi 191 PROBLEMS IN HISTORICAL METHOD

An introduction to the essentials of historical methodology. The nature of history, the meaning and characteristics of historical method; the problem of historical certitude. Sources; their nature and classification; the evaluation and interpretation of source data; the organization and effective presentation of the results of historical research.

3 semester hours

Italian

REV. VICTOR F. LEEBER, S.J., *Chairman*

It 11-12 ELEMENTARY ITALIAN

This course is intended to impart the ability to understand, speak and write simple everyday Italian. A precise pronunciation and idiomatic speech patterns in current use are acquired by means of the oral-aural method in classroom drill and in the language laboratory. Stories of literary significance are read and discussed.

3 periods per week for 2 semesters

6 semester hours

It 21-22 INTERMEDIATE ITALIAN

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in class and in the language laboratory. Literary excerpts are assigned for accurate translation and rhetorical analysis, and an increasing emphasis is placed upon extensive reading for comprehension. Selections are presented not only for their literary value and interest, but also as an introduction to the appreciation of Italian Literature and civilization.

3 periods per week for 2 semesters

6 semester hours

FAIRFIELD UNIVERSITY

It 31-32 READINGS IN ITALIAN LITERATURE

The aim of this course is to increase the student's reading ability and to acquaint him with a large variety of literary types. These include many of the masterpieces of Italian Literature which are concerned with a study of human nature and with significant and enduring values of life. A large stock of idiomatic vocabulary is gradually acquired for rapid and accurate reading. Composition work and conversation are based upon literary topics.

3 periods per week for 2 semesters

6 semester hours

Latin

REV. JOSEPH M. MANNING, S.J., *Chairman*

La 11 CICERO, HORACE, LIVY

The reading of the *Pro Archia* of Cicero and discussion of Cicero's ideas on literature. The study of the *Ars Poetica* of Horace as an informal expression of the author's literary and critical theory. A study of Livy, the scope and organization of *Ab Urbe Condita*; special attention is given to his narrative skill and to his style as illustrating the transition from the Golden to the Silver Latin.

3 semester hours

La 12 VERGIL, HORACE, CATULLUS

The ninth book of Vergil's *Aeneid* as an example of the short story. A study of the *Odes* of Horace; the lyric of Horace and the English lyric. Selected poems of Catullus, Tibullus, Propertius as expressions of the authors' personality; comparison with the poems of Horace.

3 semester hours

La 21 HORACE, JUVENAL, MARTIAL

The origin and history of Roman satire; extensive reading in the *Satires* of Horace. Selections from the works of Juvenal and Martial; comparison with the satires of Horace and of modern satirists.

3 semester hours

La 22 TACITUS, PLINY, CICERO

Detailed rhetorical analysis of the *Pro Milone* of Cicero, selections from his other speeches. Extensive reading in the *Annales of Tacitus*; discussion of the style of Tacitus. Reading and discussion of Pliny's famous letter to Trajan concerning the Christians.

3 semester hours

La 101 SURVEY OF CLASSICAL LATIN LITERATURE

Reading and appreciation of selections from the important writers in the Golden and Silver Age of Latin Literature. Their influence on subsequent world literature.

3 semester hours

La 102 SURVEY OF CHRISTIAN LATIN LITERATURE

The origin and history of a Christian Latin Literature. Study of the best Christian Latin writers of the Patristic and Middle Ages. The Latin of the New Testament.

3 semester hours

Mathematics

REV. WILLIAM F. BURNS, S.J., *Chairman*

Ma 11 GENERAL COLLEGE MATHEMATICS I

Graphs, concept of functions, ratio, proportion, and variation, linear equations and relations, translation into equations, quadratic equations and relations, geometry of triangles, definitions of the trigonometric functions, special right angles, general right triangles, general triangles, and general angles.

3 semester hours

Ma 12 GENERAL COLLEGE MATHEMATICS II

Finance, exponents and logarithms, compound interest, probability, introduction to statistics, frequencies and distributions, the normal curve and sampling, basis of our number system, theory of numbers, topology and logic—the art of reasoning.

3 semester hours

Ma 11a MATHEMATICS OF FINANCE I

Review of arithmetic, an introduction to logarithms and the slide rule, groundwork of algebra, discounts and conversion factors, simple interest, installment buying and the equation of accounts, simultaneous linear equations and determinants.

3 semester hours

Ma 12a MATHEMATICS OF FINANCE II

Graphs and analytical geometry, progressions, interpolation, and binomial expansion, annuities and related topics, bonds, permutations, combinations, and probability, fundamentals of statistics, and insurance.

3 semester hours

Ma 13 FRESHMAN COLLEGE MATHEMATICS I

Integrated study of college algebra and trigonometry. Functions and their graphs; essentials of trigonometry including fundamental relations, theory and use of logarithms, solutions of right and oblique triangles; quadratic equations, variation, ratio and proportions, complex numbers, introduction to the theory of equations, determinants. Required for a major in Biology and students in A.B. Math curriculum.

3 semester hours

Ma 14 FRESHMAN COLLEGE MATHEMATICS II

Fundamental concepts of plane analytic geometry, including the straight line, circle, conic sections; transformation of coordinates, polar coordinates. Introduction to differential and integral calculus with applications. Required for a major in Biology.

3 semester hours

Ma 15 MATHEMATICAL ANALYSIS I

Functions and graphs, functions defined by formulas, implicit and inverse functions; the derivative and application of the derivative, differentials, integration; fundamentals of analytic geometry, straight line, circle, conics and polar coordinates. Required of students majoring in Chemistry, Mathematics and Physics.

3 semester hours

FAIRFIELD UNIVERSITY

Ma 16 MATHEMATICAL ANALYSIS II

A continuation of Mathematics 15. Exponential and logarithmic functions; triangle relations, essentials of trigonometry; complex numbers; solutions of equations; determinants; formal integration, the definite integral and applications. Required of students majoring in Chemistry, Mathematics and Physics.

3 semester hours

Ma 21 DIFFERENTIAL AND INTEGRAL CALCULUS I

An introduction to the calculus. The process of derivation, the derivative defined and explained, its application to maxima, minima and rates; the use of differentials; simple integration, interpretation of the integral as the limit of a sum, applications to volumes and surfaces; derivatives of trigonometric functions.

3 semester hours

Ma 22 DIFFERENTIAL AND INTEGRAL CALCULUS II

Derivatives of logarithmic and exponential functions; vectors and simple vector computations, the derivatives of a vector; integration by formula, by parts, and by partial fractions; integration of trigonometric functions; partial derivatives, their derivation and interpretation; successive integrals, double and triple integrals.

3 semester hours

Ma 111 DIFFERENTIAL EQUATIONS

The solutions of ordinary differential equations. Primitives, equations of the first order and the first degree, equations of higher degree; Clairaut's equation, linear differential equations, complementary functions, particular integrals, Cauchy's equation and exact linear equations; Legendre polynomials and Bessel's functions. Introduction to partial differential equations. Applications to physics and mechanics.

3 semester hours

Ma 112 PARTIAL DIFFERENTIAL EQUATIONS

Partial differentiation, geometric and physical interpretations; origin of partial differential equations, specimen problems which give rise to them; equations of the first order, linear and non-linear, methods of solution, applications; Fourier Series and their uses in the solution of equations of second and higher order, applications to problems of vibration and flow.

3 semester hours

Ma 122 ADVANCED CALCULUS I

Expansion of functions in Taylor's series, indeterminate forms and l'Hospital's rule, infinitesimals and differentials, power series and convergence tests; the definite integral, differentiation and integration under the integral sign. Hyperbolic functions, beta and gamma functions; partial differential equations and their applications; Fourier Series and Laplace's equation, the Laplace transformation; vector operations.

3 semester hours

Ma 123 ADVANCED CALCULUS II

Fourier Series, multiple integrals, Jacobians; Green's theorem, line integrals, multiple connected regions, improper integrals; tests for convergence, gamma functions, functions of a complex variable; Cauchy-Reimann equations, the Cauchy integral theorem, method of conjugate functions.

3 semester hours

COURSE DESCRIPTIONS

Ma 131 THEORY OF EQUATIONS

Complex numbers; field of complex numbers; polynomials and their fundamental properties. Solutions of equations of higher order. Determinants and matrices; resultants and discriminants.

3 semester hours

Ma 134 ABSTRACT ALGEBRA

An introduction to the formal systems of abstract algebra; axioms, fundamental operations and properties of integers, congruences, residue classes; rational, real and complex numbers, primitive roots of unity. Elementary theory of groups, isomorphism, rings, integral domains and fields; polynomials over a field, division algorithm, factorization theorems; matrices over a field, rank linear independence and dependence; determinants, Laplace's expansion, Cramer's rule. Ideals, group automorphism and homomorphism.

3 semester hours

Ma 142 INTRODUCTION TO THE THEORY OF FINITE GROUPS

Group concept: the axioms of group theory, examples of finite and infinite groups, isomorphic and cyclic groups. Complexes and subgroups: the calculus of complexes, Lagrange's Theorem, survey of groups up to order eight. Groups of permutations: circular permutations, classes of permutations, transpositions, Cayley's Theorem. Invariant subgroups: classes of conjugate elements, the commutator group, Galois' Theorem, Sylow groups and prime power groups, Abelian groups.

3 semester hours

Ma 151 STATISTICS

The course serves as a broad introduction to both classical large-sample and modern small-sample methods. The large-sample methods include problems dealing with one, two, or more than two variables. Topics covered include frequency distributions and notation, graphical presentation; averages, moments, the moment generating function, measures of dispersion; continuous and discrete frequency distributions, the normal distribution with applications, curve fitting, random sampling; linear correlation, linear regression, multiple correlation and multiple regression. Emphasis is placed on technique and application.

3 semester hours

Ma 152 PROBABILITY

The course is a continuation of Mathematics 151. The emphasis is on the classical theory of probability developed in a mathematically rigorous fashion as well as on practical training in its use. Topics covered include the scope of probability, the linkage with statistics; the theory of arrangements, elementary theorems on mathematical probability; the point binomial, approximations to the point binomial, frequency curves, sampling, correlation, mathematical expectation; Bernoulli's Theorem, extension to continuous distributions; the empirical theory of distributions, and the use of probability in scientific induction.

3 semester hours

Ma 172 SOLID ANALYTICAL GEOMETRY

Various systems of point coordinates in three dimensions; quadric surfaces; ruled surfaces; systems of quadrics; confocal quadrics and elliptic coordinates; the intersection of surfaces; space curves.

3 semester hours

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Ma 173 VECTOR ANALYSIS

Definitions and interpretation of vectors, vector addition, products of two vectors and of three, differentiation and integration of vectors; vectors applied to fields, the differential operators, gradient, divergence, curl; Theorems of Gauss, Green and Stokes; applications to electrostatics, electromagnetics, thermodynamics, mechanics and hydrodynamics.

3 semester hours

Philosophy

REV. JOHN L. CLANCY, S.J., *Chairman*

Ph 81 LOGIC

Introduction to philosophy; great names; definition and divisions of philosophy.

Definition of Logic; discussion of its role in philosophy; material and formal object.

First act of the mind: simple comprehension; divisions of ideas and terms, comprehension and extension, predictables and categories, division and definition.

Second act of the mind: judgment; nature and kinds, matter and form of judgment; categorical propositions: elements, quality, quantity, laws of predicate divisions; model propositions; non-categorical propositions. Types of immediate inference.

Third act of the mind: reasoning; the syllogism, its nature, kinds and their laws; figures and modes. Deduction and Induction; fallacies. Treatise on method.

3 semester hours

Ph 102 EPISTEMOLOGY

Existence and nature of objectively valid knowledge, certitude and logical truth; refutation of false theories of knowledge: Skepticism, Relativism, and Cartesian Methodic Doubt; divisions of certitude; logical truth in simple apprehension and judgment, logical falsity. Sources of certain knowledge; consciousness, sensation, intellection, reasoning deductive and inductive, human testimony. Validity of universal ideas, moderate realism; various forms of idealism refuted. Objective evidence as universal criterion of truth and ultimate motive of certitude.

3 semester hours

Ph 115 ONTOLOGY

The definition and proof of the objectivity of the idea of being; the analogy of being; possible being; the objectivity of physical and metaphysical essences; the attributes of being: unity, truth and goodness; substance and accident, definition and division of their objectivity; causality: efficient, final, formal, material; definition and proof of their objective validity.

3 semester hours

Ph 116 COSMOLOGY AND NATURAL THEOLOGY

The study of the material world; its origin; Pantheism, materialism, creationism; the divine purpose in creating; essential constituents of material bodies, their extension and causal activity, the laws of nature, miracles; atomism, dynamism, hylomorphism.

The Existence of God; various philosophical attitudes; our knowledge of

COURSE DESCRIPTIONS

this truth; cosmological and teleological arguments.

The Attributes of God; eternity, immensity of God; His simplicity and infinity; the Divine Intellect and Knowledge, Fore-Knowledge of God, Fore-Knowledge of free actions; the divine Will, Omnipotence of God.

The Activity of God with creatures; creation and preservation, concurrence with the actions of creatures, Divine Providence, Its relation to evil.

3 semester hours

Ph 151 SPECIAL METAPHYSICS:

PHILOSOPHICAL PSYCHOLOGY I

Life in general: properties of living and non-living bodies, immanency of action, Scholastic concept of life.

Plant life: sensitive life; the animal soul, its unity and divisibility; instinct and intelligence, theories on the origin of instinct.

Origin of life: the Scholastic theory on the origin of the first living bodies, spontaneous generation; origin of plant and animal species, various theories of evolution.

A study of sensitive life: the nature and properties of sensation; the doctrine of the species, the external and internal senses; the perception of the material world, appetite.

3 semester hours

Ph 152 SPECIAL METAPHYSICS:

PHILOSOPHICAL PSYCHOLOGY II

A study of intellectual life: the origin of ideas; judgment and reasoning, attention and reflection, memory; the rational appetite: the will, its nature and freedom.

A study of the human soul: its substantiality, individuality, simplicity and spirituality; refutation of false theories on the nature of the human soul; origin and destiny of the human soul, the human person.

3 semester hours

Ph 181 GENERAL ETHICS

Definitions, nature, objects and necessity of Ethics; the human act and factors affecting the same; the ultimate end of man; his beatitude; the morality of human acts, the true norm of morality, Utilitarianism and Hedonism, Moral Sensism and the "Categorical Imperative"; merit and accountability; the eternal and the natural law, properties and sanctions of the natural law, nature and origin of moral obligation, conscience, subjective rights and duties.

3 semester hours

Ph 182 SPECIAL ETHICS

This course presupposes General Ethics and applies the principles of that science to man in his duties to his Creator, to himself and to his neighbor.

Man's duty to his Creator: Rationalism, Indifferentism.

Man's duty to himself: man's duty to preserve his life; suicide, mutilation.

Man's duty to his neighbor: direct and indirect killing, killing done in self-defense; lying, mental reservation, ethical principles governing secrets.

Man in society: society in general; nature and purpose of domestic society; unity and indissolubility of matrimony, divorce, parental authority, education of the child.

Man and the State: civil society, nature, purpose and origin; false theories

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on the origin of civil society; Hobbes and Rousseau; the Scholastic doctrine; forms of civil government, citizenship, universal suffrage; the functions of civil government: legislative, judiciary, executive; taxation; death penalty; freedom of worship, freedom of the press, state education.

International Law: various meanings of *Jus Gentium*, foundation of international law; mutual relations of nations, rights of commerce, rights of neutrals, nature and justice of war, arbitration.

3 semester hours

Physics

REV. WILLIAM F. BURNS, S.J., *Chairman*

Ps 15 GENERAL COLLEGE PHYSICS I

Mechanics and Heat for students whose field of concentration will be Physics, Mathematics or Chemistry.

An introductory course. Rigorous mathematical derivations are used freely, but the methods of calculus are indicated only occasionally. A study of velocity and acceleration, Newton's Laws of Motion, work, energy, power, momentum, torque, vibratory motion, elastic properties of solids, fluids at rest and in motion, properties of gases; measurement and transfer of heat, elementary thermodynamics.

3 lecture, 1 laboratory period

4 semester hours

Ps 16 GENERAL COLLEGE PHYSICS II

Electricity, Light, and Sound.

A continuation of Physics 15.

A study of magnetism and electrostatics, simple electric circuits, electrical instruments, generators and motors, the principles of the vacuum tube; characteristics of wave motion, light and illumination, reflection, refraction, interference, and polarization of light, color and the spectrum; production and detection of sound waves.

3 lecture, 1 laboratory period

4 semester hours

Ps 31 ELEMENTARY ENGINEERING DRAWING I

An introduction to the language of technical drawing with instruments. The principal aim of the course is understanding, interpretation, and reading, rather than perfection of technique and execution; but the method is largely laboratory practice supported by private study with a minimum of lecture. Topics include use of instruments; single-stroke lettering, both vertical and inclined; geometric constructions; general theory of projection and especially orthographic projection.

1 laboratory period

1 semester hour

Ps 32 ELEMENTARY ENGINEERING DRAWING II

Continuation of Physics 31. Extended practice in orthographic projection both standard and auxiliary views; technical sketching; detailed views, theory and practice of dimensioning. The course aims to impart sufficient understanding so that the student may comprehend working drawings, and sufficient skill so that he may draw parts and devices that he needs made.

1 laboratory period

1 semester hour

COURSE DESCRIPTIONS

Ps 81 GENERAL PHYSICS I

Mechanics and Heat.

A course intended for students who do not concentrate in science and designed to give a cultural appreciation of the most important laws of Physics and an understanding of the scientific method. Rigorous mathematical derivations are held to a minimum. A study of motion, uniform and accelerated, linear, circular, and projectile; forces, balanced and unbalanced; work, energy, and power; properties of liquids and gases; effects, use and transfer of heat.

3 lecture, 1 laboratory period

4 semester hours

Ps 82 GENERAL PHYSICS II

Electricity, Light, Sound and Modern Physics.

A continuation of Physics 81.

A study of magnetism and electrostatics, direct current and alternating current, electrical instruments and machines; characteristics of wave motion, transmission and detection of sound, properties of light, optical instruments; structure of the atom; x-rays, cosmic rays, and radioactivity; transmutation of the elements and atomic energy.

3 lecture, 1 laboratory period

4 semester hours

Ps 83 GENERAL COLLEGE PHYSICS I

Mechanics and Heat for pre-medical students.

A course designed to give to pre-medical students a knowledge of the laws of Physics, and their application to the human body. This course covers essentially the same matter as Physics 81, but places special emphasis on biological applications such as anatomical mechanics, circulation of the blood, the human body as a heat engine, etc.

3 lecture, 1 laboratory period

4 semester hours

Ps 84 GENERAL COLLEGE PHYSICS II

Electricity, Light, Sound, and Modern Physics.

A continuation of Physics 83, covering essentially the same matter as Physics 82. Special emphasis is placed on electrical and optical instruments used in medicine.

3 lecture, 1 laboratory period

4 semester hours

Ps 111 MODERN PHYSICS

The elementary electric charge and the electron, dimensions of atoms, the wave character of light, polarized light, electrical oscillations and electromagnetic waves, the electro magnetic spectrum—infra-red light, ultra-violet light, and X-rays, light particles and electron waves, the hydrogen spectrum and the hydrogen atom, optical spectra and atomic structure, X-ray spectra, molecular motions, molecular energy, black-body radiation and radioactivity.

3 lectures per week

3 semester hours

Ps 112 STATICS

Basic concepts, resultants of force systems, centroids, and center of gravity, equilibrium, friction, moments of inertia, method of work.

3 semester hours

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Ps 113 STRENGTH OF MATERIALS

Elementary analysis of stress and strain in two dimensions; shearing stress, riveted and welded joints, thin-walled cylinders. Combined stresses, analysis of plane strain, Mohr's circle, torsion; shearing force and bending moment, stresses in beams and deflection of beams: Stresses due to combination of direct stress, bending and torsion; statically indeterminate problems in bending; columns; energy of strain.

3 semester hours

Ps 122 GEOMETRICAL AND PHYSICAL OPTICS

The nature and propagation of light, the laws of reflection and refraction, refraction and reflection at spherical surfaces, lenses and lens aberrations, optical instruments, interference, diffraction, resolving power, polarization, line spectra, thermal radiation, photometry and color.

3 lectures per week

3 semester hours

Ps 123 DYNAMICS

Kinematics, absolute motion, relative motion; Kinetics-force, mass, and acceleration, work and energy, impulse and momentum, mechanical vibrations.

3 semester hours

Ps 142 HEAT AND THERMODYNAMICS

Temperature scales and thermodynamic system. Work heat, the first law of the thermodynamics, and the transfer of heat. Thermodynamic relations for an ideal gas and the second law of thermodynamics. The Carnot cycle and the Kelvin temperature scales; entropy; Maxwell's thermodynamic equations. Applications of thermodynamics with explanation of steam tables and Mollier diagrams.

3 semester hours

Ps 171 ELECTRICITY AND MAGNETISM I

The laws of electrostatics and concepts of field intensity and potential; the derivation of Gauss' law and its application; dipoles, condensers and the energy of charged systems. Laplace's equation; magnetostatics and magnetic instruments. Thermionic emission, contact difference in potential, and the photoelectric effect. Vector operation; Ampere's law; galvanometers; conduction in gases, the Zeeman effect.

3 lecture periods each week

1 laboratory period alternate weeks

3½ semester hours

Ps 172 ELECTRICITY AND MAGNETISM II

A continuation of Physics 171.

Alternating currents and electromagnetic induction. The solution of alternating current problems by the use of complex quantities, graphical analysis, and Kirchhoff's laws; alternating current bridges; inductively coupled circuits, filters, and transmission lines. Electromagnetic radiation; an introduction to the study of X-radiation and electron diffraction.

3 lecture periods each week

1 laboratory period alternate weeks

3½ semester hours

Ps 181 ELECTRONICS

Motion of electrons in electric and magnetic fields, cathode ray tubes, electron emission, space charge equations; rectification and power supplies, triode characteristics, amplifier classifications, tetrode and pentode vacuum tubes; amplifier circuits, coupling arrangements; vacuum tube oscillators, crystal control units, modulation, gas filled tubes.

3 lecture periods each week

1 laboratory period alternate weeks

3½ semester hours

COURSE DESCRIPTIONS

Ps 182 ATOMIC AND NUCLEAR PHYSICS

The theory of relativity, electrons and photo-electric effect, the origin of the quantum theory, the nuclear atom and the origin of spectral lines, wave mechanics, atomic structure and optical spectra, natural radioactivity masses of atoms, artificial transmutation by alpha-particles, nuclear binding energies and nuclear forces, positrons, artificial radioactivity, artificially accelerated particles, nuclear reactions and nuclear models, nuclear fission and nuclear energy and cosmic rays and fundamental particles.

3 lecture periods each week

1 laboratory period alternate weeks

3½ semester hours

Russian

Ru 11-12 ELEMENTARY RUSSIAN

This course is intended to impart the ability to understand, speak and write simple everyday Russian. A precise pronunciation and idiomatic speech patterns in current use are acquired by means of the oral-aural method in classroom drill and in the language laboratory. Simple and short articles published by American-Russian newspapers are read and discussed.

3 lecture, 1 laboratory period per week for 2 semesters 6 semester hours

Ru 21-22 INTERMEDIATE RUSSIAN

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in class and in the language laboratory. Stories of literary significance are read and discussed. The knowledge of the most characteristic feature of the Slavonic and thereby also of the Russian verb, the "Aspects", is perfected by thorough analysis. Once this most important part of Russian grammar is fully mastered, selections are presented not only for their literary value and interest, but also as an introduction to the appreciation of Russian Literature and Civilization.

3 lecture, 1 laboratory period per week for 2 semesters 6 semester hours

Sociology

REV. WILLIAM H. HOHMANN, S.J., *Chairman*

So 11 GENERAL SOCIOLOGY I

The nature and development of sociology, group observation, social processes, culture and social stability and change. Special emphasis on the study of man's biological and cultural heritage; refutation of racialism and cultural evolutionism. Basic forms of sociality: the family, religious society, and civil society; various other group forms: neighborhood, play economic, ethnic, etc.

3 semester hours

So 12 GENERAL SOCIOLOGY II

The processes of collective behavior: competition, conflict and cooperation; accommodation; social control. The geographical and demographic aspects of sociology; the urban and rural types of community. Analysis of economic and governmental institutions and the international society. The problems arising from social disorganization: divorce, juvenile delinquency, crime, birth control, graft, etc. Poverty, relief, and social security.

3 semester hours

So 103 SOCIOLOGICAL THEORY

This course reviews the various Sociological Theories from Comte to the present day and traces the development of the different sociological schools.

3 semester hours

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So 111 CULTURAL ANTHROPOLOGY

This course introduces the student to a study of primitive man, the origins of civilization, a view of folkways and institutions of primitive peoples. It traces the development of culture and explains theories of culture; modern races; technology, invention, diffusion; case studies of various primitive groups; problems and methods in the study of culture; comparative studies of social organization and control; and the relation of primitive society to contemporary society.

3 semester hours

So 112 SOCIAL PSYCHOLOGY

A study of the individual in social situations. Emphasis on crowds and crowd behavior, social movements, public opinion, propaganda, customs, conventions and other factors that stimulate and control social behavior.

3 semester hours

So 121 EDUCATIONAL SOCIOLOGY

The course consists in a study of the origin, growth and function of educational groups, the structure of the school as an institution in modern society, its place in the development of social traits in students, the relation of the school to other institutions—family, state, church, occupations, etc.

3 semester hours

So 131 RURAL—URBAN SOCIOLOGY

This course investigates the characteristics of rural and urban living, and the structure and organization of both types of community. This history, social structure ecology, and significance of the American city are compared with the rural scene.

3 semester hours

So 152 SOCIOLOGY OF THE FAMILY

A study of the origin and history of marriage as a natural institution; Christian marriage; marriage regulation by Church and state; the family in other cultures compared with the Christian family; the family as the basis for sound society; the composition, organization, and functions of the family in contemporary American society; family disorganization; its causes, prevention, cure.

3 semester hours

So 153 INDUSTRIAL SOCIOLOGY

An application of principles of sociology to industrial organization, labor-management relations, and the social environment of the industrial system. Case studies in industrial relations.

3 semester hours

So 164 METHODS OF SOCIAL RESEARCH

A study of modern social research organization and methods, including attitude measurement, depth interviewing, sampling, the case method, the statistical method, the survey method. Practical work on a research project will be a part of the course.

3 semester hours

So 182 CRIMINOLOGY

This course treats the origin, causes, and history of crime, the theories and methods of crime prevention; social factors in delinquency; case studies of delinquents and criminals; principles and techniques of punishment and rehabilitation.

3 semester hours

Spanish

REV. VICTOR F. LEEBER, S.J., *Chairman*

Sp 11-12 ELEMENTARY SPANISH

This course is intended to impart the ability to understand, speak and write simple everyday Spanish. A precise pronunciation and idiomatic speech patterns in current use are acquired by means of the oral-aural method in classroom drill work and by phonetics-laboratory exercises as well. Stories of literary significance are read and discussed.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Sp 21-22 INTERMEDIATE SPANISH

In this course the principles of pronunciation and grammar are reviewed as needed for composition work and conversation both in classroom drills and in the language laboratory. Literary excerpts are assigned for accurate translation and rhetorical analysis, and an increasing emphasis is placed upon extensive reading for comprehension. Selections are presented not only for their literary value and interest but also as an introduction to the appreciation of Spanish literature and civilization.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Sp 31-32 ADVANCED SPANISH

The aim of this course is to increase the student's reading ability and to acquaint him with a large variety of literary types. These include many of the masterpieces of Spanish literature which are concerned with a study of human nature and with significant, enduring values of life. A large stock of idiomatic vocabulary is gradually acquired for rapid and accurate reading. Composition work and conversation are based upon literary topics.

3 lectures, 1 laboratory period per week for 2 semesters 6 semester hours

Sp 101-102 SURVEY OF SPANISH LITERATURE FROM ORIGINS TO END OF XVIII CENTURY

Emphasis placed on more important writers and literary periods, influences of and on Spanish Literature. Course includes lectures in Spanish, a critical study of representative texts and reports by students on outside reading.

Prerequisite: Spanish 31-32

3 periods per week for 2 semesters 6 semester hours

Sp 103-104 SURVEY OF NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE

A continuation of the survey course initiated in Sp. 101-192 but with reference to the last two centuries.

3 periods per week for 2 semesters 6 semester hours

Sp 131-132 SPANISH GOLDEN AGE LITERATURE

Special attention given to: the lyric and mystic poets, the development of the novel and its culmination in Don Quixote, the theatre of Lope de Vega, Calderon de la Barca, Tirso de Molina and Ruiz de Alarcon.

3 periods per week for 2 semesters 6 semester hours

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Sp 181 SPANISH PHONETICS AND CONVERSATION

A course intended to assure fluent and accurate use of the spoken language. Correct pronunciation reviewed and drilled through phonetic transcriptions and the imitation of recorded artists.

Prerequisite: Sp. 31-32

3 semester hours

Sp 182 SPANISH STYLISTS AND ADVANCED COMPOSITION

A course intended to assure proficiency in the written languages. Model passages from the great writers studied, analyzed and imitated with a view to developing the student's own precise style.

Prerequisite: Sp. 31-32

3 semester hours

Sp 191 HISPANIC CIVILIZATION AND CULTURE

The main currents of Spanish and South American civilization presented by means of lectures and student participation in written and oral reports. The geography, history, literature and fine arts of Spain and South America scanned and studied as basic elements for class discussions.

Prerequisite: Sp. 31-32

3 semester hours

Theology

REV. EDMUND J. HOGAN, S.J., *Chairman*

Th 13 CHRIST IN THE OLD TESTAMENT

Introduction to Sacred Scripture; its inspiration; its inerrancy; its interpretation, critical and Catholic.

The Divine Pedagogy of the Old Dispensation with its five phases of Revelation; primitive; patriarchal, mosaic, prophetic and post-exilic.

The Messias: His names and ancestry; His Coming and His Kingdom; His Mission, prophetic, princely and priestly.

2 semester hours

Th 14 CHRIST IN THE GOSPELS I

The genuinity, historicity and integrity of the Gospels; the Jewish world in the "fulness of time"; the mysteries of Bethlehem and Nazareth.

The Judean ministry; the preparation of John the Baptist; early efforts in Judea and final conflicts; crisis and consummation in Jerusalem.

The Son of God: His claims and credentials—wisdom, sanctity, prophecies and miracles; the Resurrection.

2 semester hours

Th 23 CHRIST IN THE GOSPELS II

The Galilean ministry; the Sermon on the Mount; the parables of the Kingdom; the training of the Apostles and Peter's confession.

The Church of Christ: its purpose, powers and properties.

The Roman Catholic—the Church of Christ, the Mystical Body and the Rule of Faith.

2 semester hours

COURSE DESCRIPTIONS

Th 24 SIX SACRAMENTS

The theology of the sacred signs in general: their Author and ministers; their outward form and inner graces.

Baptism, Confirmation and the Holy Eucharist—the Real Presence, the Holy Sacrifice and Holy Communion.

Penance and Indulgences, Extreme Unction and the Priesthood.

2 semester hours

Th 133 GOD AND CREATION

God: His Essence and Attributes. The mystery of the Trinity and the Divine Missions.

Creation: its purpose, its order and the origin of life. The Creation of Man; his dignity and unity.

The gifts of our First Parents; their sin and its consequences. The Angels: their nature and trial; the fallen angels and the Guardian angels.

2 semester hours

Th 134 INCARNATE WORD AND OUR REDEMPTION

The mystery of Christ, true God and true Man: His knowledge and will; His Blessed Mother and foster-father; His Atonement, Satisfaction, Sacrifice and Merit.

Sanctifying grace, the pearl of great price and Actual graces, healing and salutary. The merits of the just.

The last things: death and the particular judgment; the Beatific Vision; Hell and its torments; the General Judgment and the Resurrection of the Body.

2 semester hours

Th 143 MARRIAGE AND THE FAMILY

The Sacrament of Marriage; its obligations and blessings; its dignity.

The Church's laws: impediments, prohibiting and nullifying; dispensations; the obstacles to true consent, the juridical form; invalid marriages; their convalidation or declaration of nullity; the Pauline privilege.

The family and the child.

N.B.—(The aims of marriage, "birth control" or contraception and divorce are discussed in Ph 182.)

2 semester hours

Th 144 ASCETICISM AND THE APOSTOLATE: THE ROLE OF THE LAITY

The course starts with the establishment of what a layman really is by placing him in the Church, the Mystical Body of Christ, and thus in the whole cycle of redemption.

It demonstrates the need and importance of the laity in the Church's fulfillment of her Christ-given mission in today's world. Their various tasks in the realm of the sacred and the eternal and more especially in that of the profane and the temporal are presented.

There follows an outline of the multiple ways in which these tasks of the laity can be carried out both personally and in an organized way.

The course closes with the presentation of a type of spirituality that is suitable for the formation, sustenance and growth of apostolic lay holiness.

2 semester hours

STUDENT WELFARE

SCHOLARSHIPS

The *Peter Benard* Scholarships, three in number, are given respectively by the Bridgeport SUNDAY HERALD, the Bridgeport Central Labor Union, and a group of manufacturers in the area. They are awarded annually for one year to a student resident in the greater Bridgeport area, and each carries a stipend of two hundred and fifty dollars.

The *Regional Clubs* of Fairfield University, social organizations of students living in specified geographic areas, have in several instances taken it as one of their activities to provide scholarship funds for worthy applicants from the area. The scholarships are awarded annually for one year, and each carries a stipend of two hundred and fifty dollars. Such scholarships have in the past years been granted by the following Regional Clubs: Naugatuck Valley, Waterbury, New Haven, Hartford, and Bridgeport.

The *Bridgeport Brass Company* has established a fund, to be assigned annually in scholarship benefits to students of the University. The grants are limited to sons and daughters of employees of the Company.

The *Bridgeport City Trust Company* has established a fund, to be assigned annually to students of the University. The grants are limited to sons and daughters of employees of the Company. If no such candidate is available in a given year, the scholarship may be awarded to any qualified candidate from the Greater Bridgeport Area.

John P. Gahan Memorial Scholarship awarded to a graduate of St. Mary's High School, Manhasset, N. Y.

In addition, a limited number of *Fairfield University* scholarships are available, their number and stipend dependent on the current status of revenues from which they are drawn. Included in these scholarships are grants offered to winners in the State Latin Contest sponsored by the Classical Association of Connecticut and to winners in the Southern Connecticut Science Fair sponsored by the Metropolitan Bridgeport Science Teachers Association.

Candidates who wish to be considered for these scholarships must complete their regular applications for admission to the University, in the usual way; they will submit in addition a special Scholarship Application Form which requires to be countersigned by their parent or guardian. This special form may be requested of the Director of Admissions, who distributes also the regular application forms.

After the candidate's academic and other qualifications for admission have been verified, he will be notified of his admission. Only then will the application for scholarship aid be considered. The decision here will hinge on good scholastic achievement, high moral character, and proven financial need.

STUDENT ACTIVITIES

Fairfield University is convinced that in great measure the student's real education for mature and intelligent life is achieved outside of the classroom, in his association with fellow students and with faculty. This is especially true in the formally organized student activities wherein he is given opportunity for initiative and leadership. Fairfield therefore urges upon every student a reasonable participation in one or more such activities, according to each one's capacity and scholastic standing.

The Student Council

The Student Council is a deliberative and executive board of 23 members elected from the four classes of the college. Its meetings are held every week, generally open to the student body and reported in the STAG.

The purpose of the Student Council are: (1) to initiate and coordinate all extracurricular and social activities which pertain to the entire student body, (2) to set the standard and scope of operation for student organizations, (3) to establish and maintain rules for all elections sponsored by the Council, and (4) to reflect to the Administration student opinion on matters over which the Council has no legislative authority.

The Resident Council

The Resident Council is composed of the Resident Students of Fairfield University. The Executive Board consists of 11 delegates and 4 officers elected from the campus dormitories. Its meetings are held weekly and are open to Resident Students and Faculty members. Minutes are posted weekly and published in the school paper. The purpose of this organization is to coordinate campus life in a manner which befits the traditions of Fairfield.

Spiritual

The Sodality of Our Lady of Fairfield

The Sodality aims to form in its members devotion, reverence, and filial love toward the Mother of God; through this love and devotion it seeks to make them exemplary Catholics, who live the truths which the Catholic Church teaches, who strive to save and sanctify those around them, and who defend the Church of Jesus Christ against her enemies.

To be formally enrolled in the Sodality, a student must attend instructions on the Rules of the Sodality for six months, pass an examination on these same Rules, and take active part in at least one of the Sodality's apostolic activities.

Meetings of one type or another, business or devotional, take place each week; after general business is dispatched, the members gather into their respective sections: Sacred Heart, Our Lady, Mission Crusaders, Liturgy, Catholic Truth, and Confraternity of Christian Doctrine.

The Apostleship of Prayer

All Catholic students are urged to enroll in the Apostleship of Prayer in league with the Sacred Heart, at least in the first degree. Each year the Sacred Heart section of the Sodality conducts a campaign to promote membership in the league. Eighty per cent of Fairfield's graduates have been recorded in the Register of the local center.

FAIRFIELD UNIVERSITY

Community

The Fairfield University Honor Society

The Honor Society has a two-fold purpose, that of stimulating Fairfield students to outstanding scholastic achievement and to generous and effective participation in student activities, and likewise that of rewarding those who have attained this double excellence.

Requirements for membership are clearly specified, both as to academic achievement and activities participation. Students who consider that they have fulfilled them are permitted to make application for membership at the beginning or in the middle of their Senior year. Properly qualified students are named to membership by the President of the University, upon recommendation by the Dean. There are no elected officers.

The Glee Club

The Glee Club is one of the oldest of the student organizations at Fairfield. It was founded during the first year of the college, 1947-1948, and has been continuously active ever since. It provides an opportunity for fine cultural and disciplinary training to its members, and shares some of these benefits with the remainder of the student body and with the general public in the area through its frequent concerts.

It has grown from a beginning of about thirty to its present strength of 75 voices, and has won acclaim as one of the outstanding amateur musical groups in the state. It rehearses usually twice a week, and presents about twelve public concerts a year, in various cities in New England. Some of its favorite melodies have been made up into sets of recordings both regular and long-playing. The director is Mr. Simon Harak.

Drama Club

The Club offers opportunities for students interested in dramatics, stage design, play production, etc. Several plays are offered each year. The Stratford Shakespearean Theatre is used for an annual production.

Public Affairs Club

Membership in the Club is open to all undergraduates. Its purpose is to promote interest in and provide information on contemporary political, social, and economic issues. Where appropriate, the Catholic approach and answer to these problems is stressed.

Two members are appointed each week to discuss the pros and cons of a selected issue and to lead the subsequent discussion from the floor. Members of the club also accept the responsibility of representing the University in the Connecticut Intercollegiate Students Legislature; most of the delegates sent to the Legislature are members of the club. A special event is the annual dinner at which some outstanding figure in public life is invited to address the members.

The Bellarmine Debating Society

The Society purposes to accustom its members to speak with fluency and ease; it affords an opportunity for acquiring information on current and useful topics and it prepares speakers for intercollegiate debates.

The Society meets each week for regular intramural debate which is preparation, and on occasion, rehearsal for future intercollegiate debate. The membership of the Society is restricted to students in the Junior and Senior classes.

St. Thomas More Debating Society

Membership is limited to Freshmen and Sophomores. The Society aims at giving beginners an introduction to theoretical and practical speech composition and delivery, with emphasis on argumentation. The means used in arriving at this goal are debates and forums held at the weekly meetings on campus. These weekly meetings cultivate ability to be used in debating with other colleges. Several such debates are held each year.

Annually the Society conducts a public debate with the Freshmen and Sophomore classes as audience. The speaker judged best by a board of faculty members is given a prize at the Commencement ceremonies in June.

The Radio Club

The Radio Club was organized with the double purpose of affording its members an opportunity to cultivate microphone speech techniques, and of advancing the cause of Catholic action by the spread of truth through the medium of radio. In weekly meetings members prepare scripts for broadcasts, and discuss and acquire correct radio procedures with the aid of tape recordings.

The Sociology Club

The Sociology Club attempts to actualize the principles of Christian Sociology, based on the intrinsic dignity of man, through the personal actions of the club members and the organized actions of the club. The club meets every second week for discussion, student papers, occasional invited speakers; included also are periodic field trips whose purpose is to use community facilities as a social laboratory.

A subdivision of the club is the Red Cross Unit which works with the Fairfield Chapter of the American Red Cross. The Unit conducts such activities as fund raising, blood drives, and alerts for disaster work.

The STAG

The undergraduate bi-weekly newspaper, containing a record of campus happenings and announcements of coming events, published on alternate Thursdays.

The MANOR

The Senior class yearbook.

National Federation of Catholic Students

The Federation is a bond of union among 200,000 students in 200 Catholic colleges and universities throughout the United States. Its aim is to unify Catholic student action. This aim it accomplishes by working through various commissions, fourteen at present, in the field of religious affairs, international affairs, social action, and student affairs on the national and regional levels.

The Commission on Family Life has its regional headquarters on the Fairfield Campus. The group publishes a newsletter, compiles brochures, and plans workshops on the various problems that confront the Catholic family. This information it distributes to all the regional affiliates, and finally through the National Family Life Commission to all Catholic colleges in the United States.

FAIRFIELD UNIVERSITY

Academic

The Business Club

The purpose of the Business Club is to serve business students of the University by supplementing the theoretical knowledge gained in the classroom with practical application of progressive business methods. Toward that end the Club holds bi-weekly campus meetings and occasional business dinners at which prominent businessmen are invited to speak.

Membership is open to all students who have chosen a major field of concentration in Accounting, Economics, or Business. The Advisor, an editorial bulletin designed for the information of club members and others, appears from time to time during the school year.

French Club

The French Club has for its purpose the furtherance of the French language and appreciation of the contributions of France to Western culture. Meetings are held twice a month. Student papers, guest speakers, illustrated lectures and moving picture feature the meetings. The Club sponsors a contest on French culture and civilization for High School students of the area. The annual French Night on campus is open to the general public. Membership in the Club is restricted to students who maintain a B average in their French courses.

German Club

The German Club studies the various interesting aspects of German history, literature and language. The members meet every other week to discuss German music, folklore, art, customs, history and political leaders.

Spanish Club

The Spanish Club provides students of Spanish with the means of supplementing their knowledge of the Spanish language, of the Spanish-speaking peoples, and of the culture of these peoples.

The Italian Club

To the classroom objective of attaining a command of the Italian language and an acquaintance with its literature, the Italian Club adds a knowledge and understanding of the Italian people, land and culture. Its meetings are held once a month, occasionally addressed by invited speakers.

The Dante Academy

A literary club made up of students with a background of two or three years of Italian. It has for its purpose the study and appreciation of Dante's *Divine Comedy* with the aid of a bilingual text in its intellectual, literary and aesthetic aspects. Guest lecturers, group discussions and talks by members complete the profitable and interesting yearly program.

Canisius Academy

An organization for selected students who desire further study in Theology.

The St. Thomas Aquinas Academy

The Aquinas Academy is an organization dedicated to developing the philosophical talents of the members by challenging them in the form of ideas. Each member contributes to each meeting either by reading a paper on one of the modern philosophers or philosophies or by mutual discussion. Proven ability and an eager desire to seek after and acquire the truth are the main requirements for membership. Open to Seniors only.

The Education Club

The purpose of the Education Club is to provide opportunities for its members to apply the Christian Philosophy of education learned in class. Meetings with school administrators and other young men and women preparing to enter the teaching profession are arranged through the Student Education Association of Connecticut. Addresses by educators, field trips to educational institutions, and an annual banquet are included in the yearly program.

The Mendel Club

The purpose of the Mendel Club is to supplement the student's knowledge of the biological sciences by instilling an appreciation of the scope and trends of current research in these fields.

Meetings are conducted every second week for the presentation of original student papers on the ethical, social, and economic aspects of Biology, as well as technical topics on recent medical research. In addition, periodic evening socials are held featuring prominent guest lecturers, movies, and demonstrations in the various fields of medicine and biology. The members publish an informative monthly bulletin called *The Nucleus*.

Student Affiliates—A.C.S.

A Chemistry Club has been an active academic organization at Fairfield University since 1950 and in 1954 took the name of Student Affiliates of the American Chemical Society. The purpose of the Club is to satisfy for science majors an interest which extends beyond the classroom, and to fill in the background of the textbooks. The club numbers about forty members; its activities are about evenly divided between members' papers, movies, and guest lecturers, but include also two or three social meetings during the year.

Physics Club

The purpose of the Physics Club is to stimulate student interest in Physics and Mathematics. Meetings are held weekly. Student demonstrations and guest lecturers feature the Club's various activities.

The Amateur Radio Society

The Society was founded in 1950 to sponsor amateur radio in the university, and to encourage and assist its members to master the techniques necessary to obtain an amateur's operating license. It has its headquarters in the Physics Department, where it operates a Meissner Model 150B transmitter with power output of 150 watts, for code and radiotelephone, under assigned call letters W1THX; the principal receiver is a Hallicrafters S-22R. Training equipment includes a breadboard superheterodyne receiver and a breadboard transmitter.

Athletic

The Student Athletic Association

The Student Athletic Association endeavors to carry out a two-fold purpose. It attempts to stimulate student participation and support of athletics, both on the varsity and intramural levels, and at the same time it aids the Director of Athletics in hosting visiting teams, timing and recording the statistics of athletic events, and conducting intramural tournaments. Membership in the Athletic Association is limited to those twenty-five students who demonstrate unusual interest in the athletic program carried out by the University.

Varsity Athletics
Baseball Golf
Basketball Tennis
Cross-Country Track

Intramural Athletics
Basketball Table Tennis
Bowling Touch Football
Softball

ENROLLMENT STATISTICS

1959 - 1960

FOR THE UNIVERSITY

Summer Session 1958

	Men	Women	Total
Undergraduate	125	35	160
Graduate	109	157	266
Total	<u>234</u>	<u>192</u>	<u>426</u>

College of Arts and Sciences

	Men	Women	Total
Freshmen	312	0	312
Sophomore	274	0	274
Junior	220	0	220
Senior	226	0	226
Special	7	0	7
Total	<u>1039</u>	<u>0</u>	<u>1039</u>

Graduate Department of Education	272	263	535
Total			<u>1574</u>

FOR THE COLLEGE OF ARTS AND SCIENCES

	AB	BS	BBA	BSS	Total
Freshmen	25	67	58	162	312
Sophomores	48	46	35	145	274
Juniors	34	46	28	112	220
Seniors	35	56	42	93	226
Special	7
Total	<u>142</u>	<u>215</u>	<u>163</u>	<u>512</u>	<u>1039</u>

Jesuit Educational Association of The United States of America

REVEREND EDWARD B. ROONEY, S.J.

President

49 East 84th Street, New York 28, N. Y.

REVEREND JAMES L. BURKE, S.J.

Regional Director

297 Commonwealth Avenue, Boston 15, Mass.

Alabama	Spring Hill College, Spring Hill
California	Loyola University, Los Angeles
California	Santa Clara University, Santa Clara
California	University of San Francisco, San Francisco
Colorado	Regis College, Denver
Connecticut	Fairfield University, Fairfield
District of Columbia	Georgetown University, Washington
Illinois	Loyola University, Chicago
Louisiana	Loyola University, New Orleans
Maryland	Loyola College, Baltimore
Massachusetts	Boston College, Boston
Massachusetts	Holy Cross College, Worcester
Michigan	University of Detroit, Detroit
Missouri	Rockhurst College, Kansas City
Missouri	Saint Louis University, St. Louis
Nebraska	The Creighton University, Omaha
New Jersey	St. Peter's College, Jersey City
New York	Canisius College, Buffalo
New York	Fordham University, New York City
New York	Le Moyne College, Syracuse
Ohio	John Carroll University, Cleveland
Ohio	The Xavier University, Cincinnati
Pennsylvania	St. Joseph's College, Philadelphia
Pennsylvania	University of Scranton, Scranton
Washington	Gonzaga University, Spokane
Washington	Seattle University, Seattle
West Virginia	Wheeling College, Wheeling
Wisconsin	Marquette University, Milwaukee

High schools, seminaries, and other special institutions of higher learning not included in the above list bring the total institutional membership of the Jesuit Educational Association to approximately one hundred and forty.

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